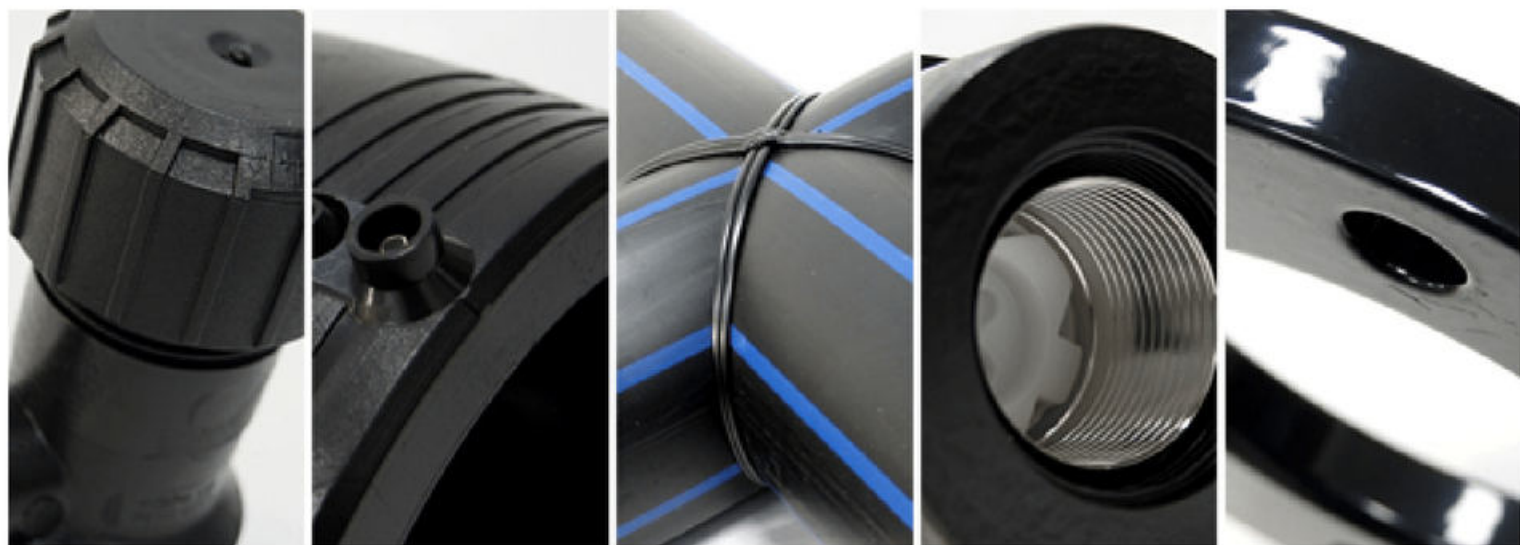




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### Segmented fittings

PAGES.  
5-17



### Electrofusion fittings

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18-26



### Injection fittings

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27-39



### Steel Flange

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### Couplings WAGA MJ 3000 PLUS

PAGE. 41



### Welding machine

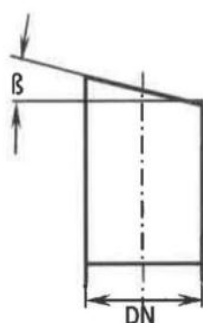
PAGES.  
42-45

Fabricated fittings are made in workshop conditions by butt welding of polypropylene pipe sections. The most important advantages of such solutions are: ability to deliver elbows with any angle required for construction of pipeline, ability to deliver fittings for large diameters (when no fittings made with injection method are available) and relatively low price.

### Pressure reduction factors

According to PN-EN 12201-3, the nominal pressure reduction factors must be used for fabricated fittings in comparison with nominal pressure of pipe they are made of. These factors depend on structure of the fitting section.

- for elbows (bends):



Where:

DN - nominal outside diameter;

$\beta$  – cutting angle for the fitting section ( $\beta \leq 15^\circ$ )

| Reduction factors for fabricated pipe bends (elbows) |                                 |
|------------------------------------------------------|---------------------------------|
| Cutting angle $\beta$                                | Pressure reduction factor $f_B$ |
| $\leq 7.5^\circ$                                     | 1.0                             |
| $7.5^\circ < \beta \leq 15^\circ$                    | 0.8                             |

- for tee pieces factor  $f_B = 0.6$

| Sample cutting angle for the fitting section $\beta$ |            |              |               |            |               |            |            |             |
|------------------------------------------------------|------------|--------------|---------------|------------|---------------|------------|------------|-------------|
| Elbow                                                | $90^\circ$ | $75^\circ$   | $67^\circ$    | $60^\circ$ | $45^\circ$    | $30^\circ$ | $22^\circ$ | $15^\circ$  |
| $\beta$                                              | $15^\circ$ | $12.5^\circ$ | $11.20^\circ$ | $15^\circ$ | $11.25^\circ$ | $15^\circ$ | $11^\circ$ | $7.5^\circ$ |

To provide compliance of nominal pressure between the fitting and pipe, it is possible to increase gauge (reduce SDR) of the pipe used to produce the fitting. Fittings are made in such way that their gauge corresponds with the pipe gauge in the place of welding. In order to receive such fabricated fittings, the requirement must be clearly stated in the purchase order (or letter of inquiry).

In case of fabricated elbows, it is possible to obtain compatibility between nominal pressure of the pipe and fittings by use of elbows made with cutting angle  $\leq 7.5^\circ$ . It involves a larger number of sections used to make such elbows.

### Fittings dimensions

According to Polish Standard PN-EN 12201-3, the tolerance for fabricated fitting cutting angle is  $\pm 2^\circ$ . The length of pipe section of the fitting pipe spigot  $l_e$  should enable application of clamps during butt welding, installation with a fitting made by electric resistance welding, installation with a fitting made by welding and application of mechanical coarse file.

| Comparison of the performance of segment arches                   |                    |                    |                    |                    |                    |
|-------------------------------------------------------------------|--------------------|--------------------|--------------------|--------------------|--------------------|
| $\leq 15^\circ$                                                   | $16 \div 30^\circ$ | $31 \div 45^\circ$ | $46 \div 60^\circ$ | $61 \div 75^\circ$ | $76 \div 90^\circ$ |
| Standard version (with pressure coefficient of pressure $f=0.8$ ) |                    |                    |                    |                    |                    |
|                                                                   |                    |                    |                    |                    |                    |
|                                                                   |                    |                    |                    |                    |                    |
| Version without pressure relief                                   |                    |                    |                    |                    |                    |
|                                                                   |                    |                    |                    |                    |                    |
|                                                                   |                    |                    |                    |                    |                    |

## Segmented elbow full pressure PE100 SDR 11, SDR 17 0-15°



## SDR11, PN16

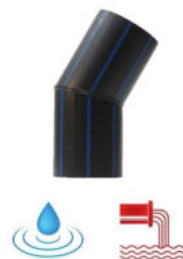
| d    | Code               | Price Net  |
|------|--------------------|------------|
| 90   | Sep-K-100/11-090/* | 13,33 €    |
| 110  | Sep-K-100/11-110/* | 18,96 €    |
| 125  | Sep-K-100/11-125/* | 23,96 €    |
| 140  | Sep-K-100/11-140/* | 29,38 €    |
| 160  | Sep-K-100/11-160/* | 36,67 €    |
| 180  | Sep-K-100/11-180/* | 44,17 €    |
| 200  | Sep-K-100/11-200/* | 57,29 €    |
| 225  | Sep-K-100/11-225/* | 69,58 €    |
| 250  | Sep-K-100/11-250/* | 99,58 €    |
| 280  | Sep-K-100/11-280/* | 130,63 €   |
| 315  | Sep-K-100/11-315/* | 175,42 €   |
| 355  | Sep-K-100/11-355/* | 247,08 €   |
| 400  | Sep-K-100/11-400/* | 315,21 €   |
| 450  | Sep-K-100/11-450/* | 467,71 €   |
| 500  | Sep-K-100/11-500/* | 669,58 €   |
| 560  | Sep-K-100/11-560/* | 865,42 €   |
| 630  | Sep-K-100/11-630/* | 1 181,04 € |
| 710  | Sep-K-100/11-710/* | 1 734,58 € |
| 800  | Sep-K-100/11-800/* | 2 369,38 € |
| 900  | Sep-K-100/11-900/* | on request |
| 1000 | Sep-K-100/11-000/* | on request |
| 1200 | Sep-K-100/11-012/* | on request |

\* degree (f.e. 30 for degree 30°; 60 for degree 60°)



## SDR17, PN10

| d    | Code               | Price Net  |
|------|--------------------|------------|
| 90   | Sep-K-100/17-090/* | 11,25 €    |
| 110  | Sep-K-100/17-110/* | 15,63 €    |
| 125  | Sep-K-100/17-125/* | 19,58 €    |
| 140  | Sep-K-100/17-140/* | 23,54 €    |
| 160  | Sep-K-100/17-160/* | 28,75 €    |
| 180  | Sep-K-100/17-180/* | 34,17 €    |
| 200  | Sep-K-100/17-200/* | 43,75 €    |
| 225  | Sep-K-100/17-225/* | 52,50 €    |
| 250  | Sep-K-100/17-250/* | 73,13 €    |
| 280  | Sep-K-100/17-280/* | 95,21 €    |
| 315  | Sep-K-100/17-315/* | 126,46 €   |
| 355  | Sep-K-100/17-355/* | 179,38 €   |
| 400  | Sep-K-100/17-400/* | 226,04 €   |
| 450  | Sep-K-100/17-450/* | 341,67 €   |
| 500  | Sep-K-100/17-500/* | 480,83 €   |
| 560  | Sep-K-100/17-560/* | 616,46 €   |
| 630  | Sep-K-100/17-630/* | 833,96 €   |
| 710  | Sep-K-100/17-710/* | 1 232,29 € |
| 800  | Sep-K-100/17-800/* | 1 681,46 € |
| 900  | Sep-K-100/17-900/* | on request |
| 1000 | Sep-K-100/17-000/* | on request |
| 1200 | Sep-K-100/17-012/* | on request |



## Segmented elbow full pressure PE100 SDR 11, SDR 17 16-30°



## SDR11, PN16

| d    | Code               | Price Net  |
|------|--------------------|------------|
| 90   | Sep-K-100/11-090/* | 22,08 €    |
| 110  | Sep-K-100/11-110/* | 31,04 €    |
| 125  | Sep-K-100/11-125/* | 39,17 €    |
| 140  | Sep-K-100/11-140/* | 47,71 €    |
| 160  | Sep-K-100/11-160/* | 58,13 €    |
| 180  | Sep-K-100/11-180/* | 73,13 €    |
| 200  | Sep-K-100/11-200/* | 92,71 €    |
| 225  | Sep-K-100/11-225/* | 116,46 €   |
| 250  | Sep-K-100/11-250/* | 156,67 €   |
| 280  | Sep-K-100/11-280/* | 204,38 €   |
| 315  | Sep-K-100/11-315/* | 267,50 €   |
| 355  | Sep-K-100/11-355/* | 370,00 €   |
| 400  | Sep-K-100/11-400/* | 476,88 €   |
| 450  | Sep-K-100/11-450/* | 730,63 €   |
| 500  | Sep-K-100/11-500/* | 1 006,46 € |
| 560  | Sep-K-100/11-560/* | 1 344,79 € |
| 630  | Sep-K-100/11-630/* | 1 775,00 € |
| 710  | Sep-K-100/11-710/* | 2 847,92 € |
| 800  | Sep-K-100/11-800/* | 3 871,98 € |
| 900  | Sep-K-100/11-900/* | on request |
| 1000 | Sep-K-100/11-000/* | on request |
| 1200 | Sep-K-100/11-012/* | on request |

\* degree (f.e. 30 for degree 30°; 60 for degree 60°)



## SDR17, PN10

| d    | Code               | Price Net  |
|------|--------------------|------------|
| 90   | Sep-K-100/17-090/* | 19,38 €    |
| 110  | Sep-K-100/17-110/* | 26,67 €    |
| 125  | Sep-K-100/17-125/* | 33,13 €    |
| 140  | Sep-K-100/17-140/* | 39,79 €    |
| 160  | Sep-K-100/17-160/* | 47,29 €    |
| 180  | Sep-K-100/17-180/* | 57,92 €    |
| 200  | Sep-K-100/17-200/* | 72,50 €    |
| 225  | Sep-K-100/17-225/* | 89,38 €    |
| 250  | Sep-K-100/17-250/* | 117,71 €   |
| 280  | Sep-K-100/17-280/* | 151,88 €   |
| 315  | Sep-K-100/17-315/* | 196,46 €   |
| 355  | Sep-K-100/17-355/* | 274,38 €   |
| 400  | Sep-K-100/17-400/* | 348,13 €   |
| 450  | Sep-K-100/17-450/* | 545,00 €   |
| 500  | Sep-K-100/17-500/* | 736,25 €   |
| 560  | Sep-K-100/17-560/* | 971,25 €   |
| 630  | Sep-K-100/17-630/* | 1 270,42 € |
| 710  | Sep-K-100/17-710/* | 2 044,17 € |
| 800  | Sep-K-100/17-800/* | 2 776,25 € |
| 900  | Sep-K-100/17-900/* | on request |
| 1000 | Sep-K-100/17-000/* | on request |
| 1200 | Sep-K-100/17-012/* | on request |



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## Segmented elbow full pressure PE100 SDR 11, SDR 17 31-45°



## SDR11, PN16

| d    | Code               | Price Net  |
|------|--------------------|------------|
| 90   | Sep-K-100/11-090/* | 30,83 €    |
| 110  | Sep-K-100/11-110/* | 42,92 €    |
| 125  | Sep-K-100/11-125/* | 54,38 €    |
| 140  | Sep-K-100/11-140/* | 66,04 €    |
| 160  | Sep-K-100/11-160/* | 80,63 €    |
| 180  | Sep-K-100/11-180/* | 100,21 €   |
| 200  | Sep-K-100/11-200/* | 127,92 €   |
| 225  | Sep-K-100/11-225/* | 160,63 €   |
| 250  | Sep-K-100/11-250/* | 210,83 €   |
| 280  | Sep-K-100/11-280/* | 274,17 €   |
| 315  | Sep-K-100/11-315/* | 352,50 €   |
| 355  | Sep-K-100/11-355/* | 496,04 €   |
| 400  | Sep-K-100/11-400/* | 650,42 €   |
| 450  | Sep-K-100/11-450/* | 983,75 €   |
| 500  | Sep-K-100/11-500/* | 1 337,08 € |
| 560  | Sep-K-100/11-560/* | 1 785,63 € |
| 630  | Sep-K-100/11-630/* | 2 330,00 € |
| 710  | Sep-K-100/11-710/* | 3 898,96 € |
| 800  | Sep-K-100/11-800/* | 5 295,83 € |
| 900  | Sep-K-100/11-900/* | on request |
| 1000 | Sep-K-100/11-000/* | on request |
| 1200 | Sep-K-100/11-012/* | on request |

\* degree (f.e. 30 for degree 30°; 60 for degree 60°)



## SDR17, PN10

| d    | Code               | Price Net  |
|------|--------------------|------------|
| 90   | Sep-K-100/17-090/* | 27,50 €    |
| 110  | Sep-K-100/17-110/* | 37,50 €    |
| 125  | Sep-K-100/17-125/* | 46,67 €    |
| 140  | Sep-K-100/17-140/* | 55,83 €    |
| 160  | Sep-K-100/17-160/* | 66,46 €    |
| 180  | Sep-K-100/17-180/* | 80,63 €    |
| 200  | Sep-K-100/17-200/* | 101,25 €   |
| 225  | Sep-K-100/17-225/* | 124,58 €   |
| 250  | Sep-K-100/17-250/* | 160,21 €   |
| 280  | Sep-K-100/17-280/* | 205,83 €   |
| 315  | Sep-K-100/17-315/* | 261,67 €   |
| 355  | Sep-K-100/17-355/* | 371,67 €   |
| 400  | Sep-K-100/17-400/* | 478,33 €   |
| 450  | Sep-K-100/17-450/* | 741,46 €   |
| 500  | Sep-K-100/17-500/* | 987,50 €   |
| 560  | Sep-K-100/17-560/* | 1 300,00 € |
| 630  | Sep-K-100/17-630/* | 1 680,21 € |
| 710  | Sep-K-100/17-710/* | 2 814,17 € |
| 800  | Sep-K-100/17-800/* | 3 817,92 € |
| 900  | Sep-K-100/17-900/* | on request |
| 1000 | Sep-K-100/17-000/* | on request |
| 1200 | Sep-K-100/17-012/* | on request |



## Segmented elbow full pressure PE100 SDR 11, SDR 17 46-60°



## SDR11, PN16

| d    | Code               | Price Net  |
|------|--------------------|------------|
| 90   | Sep-K-100/11-090/* | 40,42 €    |
| 110  | Sep-K-100/11-110/* | 55,63 €    |
| 125  | Sep-K-100/11-125/* | 71,67 €    |
| 140  | Sep-K-100/11-140/* | 85,63 €    |
| 160  | Sep-K-100/11-160/* | 103,96 €   |
| 180  | Sep-K-100/11-180/* | 128,33 €   |
| 200  | Sep-K-100/11-200/* | 167,29 €   |
| 225  | Sep-K-100/11-225/* | 204,79 €   |
| 250  | Sep-K-100/11-250/* | 263,54 €   |
| 280  | Sep-K-100/11-280/* | 347,92 €   |
| 315  | Sep-K-100/11-315/* | 540,00 €   |
| 355  | Sep-K-100/11-355/* | 724,58 €   |
| 400  | Sep-K-100/11-400/* | 823,75 €   |
| 450  | Sep-K-100/11-450/* | 1 261,67 € |
| 500  | Sep-K-100/11-500/* | 1 692,29 € |
| 560  | Sep-K-100/11-560/* | 2 226,25 € |
| 630  | Sep-K-100/11-630/* | 2 865,42 € |
| 710  | Sep-K-100/11-710/* | 5 074,58 € |
| 800  | Sep-K-100/11-800/* | 6 798,33 € |
| 900  | Sep-K-100/11-900/* | on request |
| 1000 | Sep-K-100/11-000/* | on request |
| 1200 | Sep-K-100/11-012/* | on request |

\* degree (f.e. 30 for degree 30°; 60 for degree 60°)



## SDR17, PN10

| d    | Code               | Price Net  |
|------|--------------------|------------|
| 90   | Sep-K-100/17-090/* | 36,04 €    |
| 110  | Sep-K-100/17-110/* | 48,75 €    |
| 125  | Sep-K-100/17-125/* | 61,67 €    |
| 140  | Sep-K-100/17-140/* | 72,71 €    |
| 160  | Sep-K-100/17-160/* | 86,25 €    |
| 180  | Sep-K-100/17-180/* | 103,96 €   |
| 200  | Sep-K-100/17-200/* | 132,92 €   |
| 225  | Sep-K-100/17-225/* | 159,79 €   |
| 250  | Sep-K-100/17-250/* | 201,46 €   |
| 280  | Sep-K-100/17-280/* | 262,50 €   |
| 315  | Sep-K-100/17-315/* | 396,46 €   |
| 355  | Sep-K-100/17-355/* | 538,54 €   |
| 400  | Sep-K-100/17-400/* | 608,33 €   |
| 450  | Sep-K-100/17-450/* | 954,79 €   |
| 500  | Sep-K-100/17-500/* | 1 255,42 € |
| 560  | Sep-K-100/17-560/* | 1 628,75 € |
| 630  | Sep-K-100/17-630/* | 2 076,88 € |
| 710  | Sep-K-100/17-710/* | 3 668,13 € |
| 800  | Sep-K-100/17-800/* | 4 912,71 € |
| 900  | Sep-K-100/17-900/* | on request |
| 1000 | Sep-K-100/17-000/* | on request |
| 1200 | Sep-K-100/17-012/* | on request |



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## Segmented elbow full pressure PE100 SDR 11, SDR 17 61-75°



## SDR11, PN16

| d    | Code               | Price Net  |
|------|--------------------|------------|
| 90   | Sep-K-100/11-090/* | 49,79 €    |
| 110  | Sep-K-100/11-110/* | 68,13 €    |
| 125  | Sep-K-100/11-125/* | 88,13 €    |
| 140  | Sep-K-100/11-140/* | 104,38 €   |
| 160  | Sep-K-100/11-160/* | 126,04 €   |
| 180  | Sep-K-100/11-180/* | 156,25 €   |
| 200  | Sep-K-100/11-200/* | 201,46 €   |
| 225  | Sep-K-100/11-225/* | 246,46 €   |
| 250  | Sep-K-100/11-250/* | 317,50 €   |
| 280  | Sep-K-100/11-280/* | 417,71 €   |
| 315  | Sep-K-100/11-315/* | 632,29 €   |
| 355  | Sep-K-100/11-355/* | 847,50 €   |
| 400  | Sep-K-100/11-400/* | 985,42 €   |
| 450  | Sep-K-100/11-450/* | 1 514,58 € |
| 500  | Sep-K-100/11-500/* | 2 023,13 € |
| 560  | Sep-K-100/11-560/* | 2 667,08 € |
| 630  | Sep-K-100/11-630/* | 3 488,96 € |
| 710  | Sep-K-100/11-710/* | 6 125,63 € |
| 800  | Sep-K-100/11-800/* | 8 222,08 € |
| 900  | Sep-K-100/11-900/* | on request |
| 1000 | Sep-K-100/11-000/* | on request |
| 1200 | Sep-K-100/11-012/* | on request |

\* degree (f.e. 30 for degree 30°; 60 for degree 60°)



## SDR17, PN10

| d    | Code               | Price Net  |
|------|--------------------|------------|
| 90   | Sep-K-100/17-090/* | 44,58 €    |
| 110  | Sep-K-100/17-110/* | 60,21 €    |
| 125  | Sep-K-100/17-125/* | 76,04 €    |
| 140  | Sep-K-100/17-140/* | 89,17 €    |
| 160  | Sep-K-100/17-160/* | 105,00 €   |
| 180  | Sep-K-100/17-180/* | 127,29 €   |
| 200  | Sep-K-100/17-200/* | 161,04 €   |
| 225  | Sep-K-100/17-225/* | 193,13 €   |
| 250  | Sep-K-100/17-250/* | 243,96 €   |
| 280  | Sep-K-100/17-280/* | 316,46 €   |
| 315  | Sep-K-100/17-315/* | 466,67 €   |
| 355  | Sep-K-100/17-355/* | 633,54 €   |
| 400  | Sep-K-100/17-400/* | 730,42 €   |
| 450  | Sep-K-100/17-450/* | 1 151,25 € |
| 500  | Sep-K-100/17-500/* | 1 506,67 € |
| 560  | Sep-K-100/17-560/* | 1 957,71 € |
| 630  | Sep-K-100/17-630/* | 2 533,13 € |
| 710  | Sep-K-100/17-710/* | 4 438,13 € |
| 800  | Sep-K-100/17-800/* | 5 954,17 € |
| 900  | Sep-K-100/17-900/* | on request |
| 1000 | Sep-K-100/17-000/* | on request |
| 1200 | Sep-K-100/17-012/* | on request |



## Segmented elbow full pressure PE100 SDR 11, SDR 17 76-90°



## SDR11, PN16

| d    | Code               | Price Net  |
|------|--------------------|------------|
| 90   | Sep-K-100/11-090/* | 58,96 €    |
| 110  | Sep-K-100/11-110/* | 80,83 €    |
| 125  | Sep-K-100/11-125/* | 104,38 €   |
| 140  | Sep-K-100/11-140/* | 123,33 €   |
| 160  | Sep-K-100/11-160/* | 149,79 €   |
| 180  | Sep-K-100/11-180/* | 184,38 €   |
| 200  | Sep-K-100/11-200/* | 236,88 €   |
| 225  | Sep-K-100/11-225/* | 291,88 €   |
| 250  | Sep-K-100/11-250/* | 374,79 €   |
| 280  | Sep-K-100/11-280/* | 487,71 €   |
| 315  | Sep-K-100/11-315/* | 656,04 €   |
| 355  | Sep-K-100/11-355/* | 883,54 €   |
| 400  | Sep-K-100/11-400/* | 1 143,13 € |
| 450  | Sep-K-100/11-450/* | 1 767,71 € |
| 500  | Sep-K-100/11-500/* | 2 353,75 € |
| 560  | Sep-K-100/11-560/* | 3 107,92 € |
| 630  | Sep-K-100/11-630/* | 4 053,75 € |
| 710  | Sep-K-100/11-710/* | 7 176,88 € |
| 800  | Sep-K-100/11-800/* | 9 645,83 € |
| 900  | Sep-K-100/11-900/* | on request |
| 1000 | Sep-K-100/11-000/* | on request |
| 1200 | Sep-K-100/11-012/* | on request |

\* degree (f.e. 30 for degree 30°; 60 for degree 60°)



## SDR17, PN10

| d    | Code               | Price Net  |
|------|--------------------|------------|
| 90   | Sep-K-100/17-090/* | 52,92 €    |
| 110  | Sep-K-100/17-110/* | 71,46 €    |
| 125  | Sep-K-100/17-125/* | 90,63 €    |
| 140  | Sep-K-100/17-140/* | 105,63 €   |
| 160  | Sep-K-100/17-160/* | 125,21 €   |
| 180  | Sep-K-100/17-180/* | 150,42 €   |
| 200  | Sep-K-100/17-200/* | 189,79 €   |
| 225  | Sep-K-100/17-225/* | 229,17 €   |
| 250  | Sep-K-100/17-250/* | 288,54 €   |
| 280  | Sep-K-100/17-280/* | 370,42 €   |
| 315  | Sep-K-100/17-315/* | 490,42 €   |
| 355  | Sep-K-100/17-355/* | 669,58 €   |
| 400  | Sep-K-100/17-400/* | 849,79 €   |
| 450  | Sep-K-100/17-450/* | 1 347,71 € |
| 500  | Sep-K-100/17-500/* | 1 757,92 € |
| 560  | Sep-K-100/17-560/* | 2 286,46 € |
| 630  | Sep-K-100/17-630/* | 2 949,58 € |
| 710  | Sep-K-100/17-710/* | 5 207,92 € |
| 800  | Sep-K-100/17-800/* | 6 995,83 € |
| 900  | Sep-K-100/17-900/* | on request |
| 1000 | Sep-K-100/17-000/* | on request |
| 1200 | Sep-K-100/17-012/* | on request |



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**Segmented elbow 0-30° PE100 SDR 11, SDR 17**

Standard - pressure reduction factor 0,8

**SDR11, PN12,8**

| d    | Code               | Price Net  |
|------|--------------------|------------|
| 90   | Sew-K-100/11-090/* | 11,46 €    |
| 110  | Sew-K-100/11-110/* | 16,46 €    |
| 125  | Sew-K-100/11-125/* | 20,63 €    |
| 140  | Sew-K-100/11-140/* | 25,42 €    |
| 160  | Sew-K-100/11-160/* | 31,67 €    |
| 180  | Sew-K-100/11-180/* | 38,13 €    |
| 200  | Sew-K-100/11-200/* | 49,38 €    |
| 225  | Sew-K-100/11-225/* | 60,00 €    |
| 250  | Sew-K-100/11-250/* | 85,83 €    |
| 280  | Sew-K-100/11-280/* | 112,71 €   |
| 315  | Sew-K-100/11-315/* | 151,04 €   |
| 355  | Sew-K-100/11-355/* | 237,50 €   |
| 400  | Sew-K-100/11-400/* | 303,13 €   |
| 450  | Sew-K-100/11-450/* | 497,50 €   |
| 500  | Sew-K-100/11-500/* | 697,50 €   |
| 560  | Sew-K-100/11-560/* | 983,33 €   |
| 630  | Sew-K-100/11-630/* | 1 230,21 € |
| 710  | Sew-K-100/11-710/* | 1 927,29 € |
| 800  | Sew-K-100/11-800/* | 2 632,71 € |
| 900  | Sew-K-100/11-900/* | on request |
| 1000 | Sew-K-100/11-000/* | on request |
| 1200 | Sew-K-100/11-012/* | on request |

\* degree (f.e. 30 for degree 30°; 60 for degree 60°)

**SDR17, PN8**

| d    | Code               | Price Net  |
|------|--------------------|------------|
| 90   | Sew-K-100/17-090/* | 10,00 €    |
| 110  | Sew-K-100/17-110/* | 13,13 €    |
| 125  | Sew-K-100/17-125/* | 15,63 €    |
| 140  | Sew-K-100/17-140/* | 20,21 €    |
| 160  | Sew-K-100/17-160/* | 24,79 €    |
| 180  | Sew-K-100/17-180/* | 30,00 €    |
| 200  | Sew-K-100/17-200/* | 36,46 €    |
| 225  | Sew-K-100/17-225/* | 45,21 €    |
| 250  | Sew-K-100/17-250/* | 62,92 €    |
| 280  | Sew-K-100/17-280/* | 77,92 €    |
| 315  | Sew-K-100/17-315/* | 103,54 €   |
| 355  | Sew-K-100/17-355/* | 154,58 €   |
| 400  | Sew-K-100/17-400/* | 213,33 €   |
| 450  | Sew-K-100/17-450/* | 356,04 €   |
| 500  | Sew-K-100/17-500/* | 480,83 €   |
| 560  | Sew-K-100/17-560/* | 642,08 €   |
| 630  | Sew-K-100/17-630/* | 868,75 €   |
| 710  | Sew-K-100/17-710/* | 1 283,75 € |
| 800  | Sew-K-100/17-800/* | 1 751,46 € |
| 900  | Sew-K-100/17-900/* | on request |
| 1000 | Sew-K-100/17-000/* | on request |
| 1200 | Sew-K-100/17-012/* | on request |

**Segmented elbow 31-60° PE100 SDR 11, SDR 17**

Standard - pressure reduction factor 0,8

**SDR11, PN12,8**

| d    | Code               | Price Net  |
|------|--------------------|------------|
| 90   | Sew-K-100/11-090/* | 20,42 €    |
| 110  | Sew-K-100/11-110/* | 26,67 €    |
| 125  | Sew-K-100/11-125/* | 33,75 €    |
| 140  | Sew-K-100/11-140/* | 41,25 €    |
| 160  | Sew-K-100/11-160/* | 50,00 €    |
| 180  | Sew-K-100/11-180/* | 62,92 €    |
| 200  | Sew-K-100/11-200/* | 79,79 €    |
| 225  | Sew-K-100/11-225/* | 100,21 €   |
| 250  | Sew-K-100/11-250/* | 135,21 €   |
| 280  | Sew-K-100/11-280/* | 176,25 €   |
| 315  | Sew-K-100/11-315/* | 222,92 €   |
| 355  | Sew-K-100/11-355/* | 336,46 €   |
| 400  | Sew-K-100/11-400/* | 433,54 €   |
| 450  | Sew-K-100/11-450/* | 761,04 €   |
| 500  | Sew-K-100/11-500/* | 1 048,33 € |
| 560  | Sew-K-100/11-560/* | 1 400,83 € |
| 630  | Sew-K-100/11-630/* | 1 848,96 € |
| 710  | Sew-K-100/11-710/* | 3 164,38 € |
| 800  | Sew-K-100/11-800/* | 4 302,08 € |
| 900  | Sew-K-100/11-900/* | on request |
| 1000 | Sew-K-100/11-000/* | on request |
| 1200 | Sew-K-100/11-012/* | on request |

\* degree (f.e. 30 for degree 30°; 60 for degree 60°)

**SDR17, PN8**

| d    | Code               | Price Net  |
|------|--------------------|------------|
| 90   | Sew-K-100/17-090/* | 16,67 €    |
| 110  | Sew-K-100/17-110/* | 22,92 €    |
| 125  | Sew-K-100/17-125/* | 28,13 €    |
| 140  | Sew-K-100/17-140/* | 34,17 €    |
| 160  | Sew-K-100/17-160/* | 42,92 €    |
| 180  | Sew-K-100/17-180/* | 52,71 €    |
| 200  | Sew-K-100/17-200/* | 63,54 €    |
| 225  | Sew-K-100/17-225/* | 77,08 €    |
| 250  | Sew-K-100/17-250/* | 99,79 €    |
| 280  | Sew-K-100/17-280/* | 122,50 €   |
| 315  | Sew-K-100/17-315/* | 156,04 €   |
| 355  | Sew-K-100/17-355/* | 232,50 €   |
| 400  | Sew-K-100/17-400/* | 328,33 €   |
| 450  | Sew-K-100/17-450/* | 514,17 €   |
| 500  | Sew-K-100/17-500/* | 707,92 €   |
| 560  | Sew-K-100/17-560/* | 971,25 €   |
| 630  | Sew-K-100/17-630/* | 1 296,25 € |
| 710  | Sew-K-100/17-710/* | 2 129,38 € |
| 800  | Sew-K-100/17-800/* | 2 721,88 € |
| 900  | Sew-K-100/17-900/* | on request |
| 1000 | Sew-K-100/17-000/* | on request |
| 1200 | Sew-K-100/17-012/* | on request |



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**Segmented elbow 61-90° PE100 SDR 11, SDR 17**

Standard - pressure reduction factor 0,8

**SDR11, PN12,8**

| d    | Code               | Price Net  |
|------|--------------------|------------|
| 90   | Sew-K-100/11-090/* | 30,83 €    |
| 110  | Sew-K-100/11-110/* | 37,08 €    |
| 125  | Sew-K-100/11-125/* | 46,88 €    |
| 140  | Sew-K-100/11-140/* | 57,08 €    |
| 160  | Sew-K-100/11-160/* | 69,58 €    |
| 180  | Sew-K-100/11-180/* | 86,46 €    |
| 200  | Sew-K-100/11-200/* | 110,21 €   |
| 225  | Sew-K-100/11-225/* | 138,33 €   |
| 250  | Sew-K-100/11-250/* | 181,88 €   |
| 280  | Sew-K-100/11-280/* | 236,46 €   |
| 315  | Sew-K-100/11-315/* | 303,75 €   |
| 355  | Sew-K-100/11-355/* | 451,04 €   |
| 400  | Sew-K-100/11-400/* | 580,63 €   |
| 450  | Sew-K-100/11-450/* | 1 024,79 € |
| 500  | Sew-K-100/11-500/* | 1 392,71 € |
| 560  | Sew-K-100/11-560/* | 1 860,00 € |
| 630  | Sew-K-100/11-630/* | 2 427,08 € |
| 710  | Sew-K-100/11-710/* | 4 332,29 € |
| 800  | Sew-K-100/11-800/* | 5 884,17 € |
| 900  | Sew-K-100/11-900/* | on request |
| 1000 | Sew-K-100/11-000/* | on request |

\* degree (f.e. 30 for degree 30°; 60 for degree 60°)

**SDR17, PN8**

| d    | Code               | Price Net  |
|------|--------------------|------------|
| 90   | Sew-K-100/17-090/* | 25,42 €    |
| 110  | Sew-K-100/17-110/* | 32,29 €    |
| 125  | Sew-K-100/17-125/* | 40,21 €    |
| 140  | Sew-K-100/17-140/* | 47,29 €    |
| 160  | Sew-K-100/17-160/* | 57,29 €    |
| 180  | Sew-K-100/17-180/* | 73,33 €    |
| 200  | Sew-K-100/17-200/* | 88,75 €    |
| 225  | Sew-K-100/17-225/* | 109,17 €   |
| 250  | Sew-K-100/17-250/* | 138,13 €   |
| 280  | Sew-K-100/17-280/* | 171,46 €   |
| 315  | Sew-K-100/17-315/* | 207,71 €   |
| 355  | Sew-K-100/17-355/* | 304,58 €   |
| 400  | Sew-K-100/17-400/* | 434,79 €   |
| 450  | Sew-K-100/17-450/* | 650,42 €   |
| 500  | Sew-K-100/17-500/* | 897,71 €   |
| 560  | Sew-K-100/17-560/* | 1 181,88 € |
| 630  | Sew-K-100/17-630/* | 1 615,63 € |
| 710  | Sew-K-100/17-710/* | 2 931,46 € |
| 800  | Sew-K-100/17-800/* | 3 976,88 € |
| 900  | Sew-K-100/17-900/* | on request |
| 1000 | Sew-K-100/17-000/* | on request |

**Segmented tee 90° PE100 SDR 11, SDR 17**

Standard - pressure reduction factor 0,6

**SDR11, PN9,6**

| d    | Code             | Price Net  |
|------|------------------|------------|
| 90   | Sew-T-100/11-090 | 24,38 €    |
| 110  | Sew-T-100/11-110 | 33,13 €    |
| 125  | Sew-T-100/11-125 | 41,46 €    |
| 140  | Sew-T-100/11-140 | 52,92 €    |
| 160  | Sew-T-100/11-160 | 63,96 €    |
| 180  | Sew-T-100/11-180 | 84,17 €    |
| 200  | Sew-T-100/11-200 | 104,17 €   |
| 225  | Sew-T-100/11-225 | 130,83 €   |
| 250  | Sew-T-100/11-250 | 179,58 €   |
| 280  | Sew-T-100/11-280 | 223,33 €   |
| 315  | Sew-T-100/11-315 | 307,50 €   |
| 355  | Sew-T-100/11-355 | 545,42 €   |
| 400  | Sew-T-100/11-400 | 701,25 €   |
| 450  | Sew-T-100/11-450 | 1 315,83 € |
| 500  | Sew-T-100/11-500 | 2 150,63 € |
| 560  | Sew-T-100/11-560 | 2 942,71 € |
| 630  | Sew-T-100/11-630 | 3 823,96 € |
| 710  | Sew-T-100/11-710 | 5 113,33 € |
| 800  | Sew-T-100/11-800 | 7 105,63 € |
| 900  | Sew-T-100/11-900 | on request |
| 1000 | Sew-T-100/11-000 | on request |

**SDR17, PN6**

| d    | Code             | Price Net  |
|------|------------------|------------|
| 90   | Sew-T-100/17-090 | 22,08 €    |
| 110  | Sew-T-100/17-110 | 28,75 €    |
| 125  | Sew-T-100/17-125 | 33,54 €    |
| 140  | Sew-T-100/17-140 | 42,08 €    |
| 160  | Sew-T-100/17-160 | 51,67 €    |
| 180  | Sew-T-100/17-180 | 67,71 €    |
| 200  | Sew-T-100/17-200 | 83,33 €    |
| 225  | Sew-T-100/17-225 | 98,96 €    |
| 250  | Sew-T-100/17-250 | 132,92 €   |
| 280  | Sew-T-100/17-280 | 161,46 €   |
| 315  | Sew-T-100/17-315 | 238,33 €   |
| 355  | Sew-T-100/17-355 | 364,58 €   |
| 400  | Sew-T-100/17-400 | 489,58 €   |
| 450  | Sew-T-100/17-450 | 798,54 €   |
| 500  | Sew-T-100/17-500 | 1 161,46 € |
| 560  | Sew-T-100/17-560 | 1 573,33 € |
| 630  | Sew-T-100/17-630 | 2 147,92 € |
| 710  | Sew-T-100/17-710 | 3 069,38 € |
| 800  | Sew-T-100/17-800 | 4 258,33 € |
| 900  | Sew-T-100/17-900 | on request |
| 1000 | Sew-T-100/17-000 | on request |



WATER

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**Segmented tee 45° and 60° PE100 SDR 11, SDR 17**

Standard - pressure reduction factor 0,6

**SDR11, PN9,6**

| d    | Code              | Price Net   |
|------|-------------------|-------------|
| 90   | Sew-T*-100/11-090 | 40,21 €     |
| 110  | Sew-T*-100/11-110 | 50,21 €     |
| 125  | Sew-T*-100/11-125 | 63,54 €     |
| 140  | Sew-T*-100/11-140 | 77,71 €     |
| 160  | Sew-T*-100/11-160 | 95,00 €     |
| 180  | Sew-T*-100/11-180 | 131,67 €    |
| 200  | Sew-T*-100/11-200 | 157,29 €    |
| 225  | Sew-T*-100/11-225 | 195,00 €    |
| 250  | Sew-T*-100/11-250 | 261,88 €    |
| 280  | Sew-T*-100/11-280 | 505,00 €    |
| 315  | Sew-T*-100/11-315 | 664,58 €    |
| 355  | Sew-T*-100/11-355 | 940,63 €    |
| 400  | Sew-T*-100/11-400 | 1 533,13 €  |
| 450  | Sew-T*-100/11-450 | 3 402,29 €  |
| 500  | Sew-T*-100/11-500 | 4 300,00 €  |
| 560  | Sew-T*-100/11-560 | 6 015,00 €  |
| 630  | Sew-T*-100/11-630 | 7 829,38 €  |
| 710  | Sew-T*-100/11-710 | 8 765,83 €  |
| 800  | Sew-T*-100/11-800 | 11 167,92 € |
| 900  | Sew-T*-100/11-900 | on request  |
| 1000 | Sew-T*-100/11-000 | on request  |

\* kat (np. 45 dla kąta 45°; 60 dla kąta 60°)

**SDR17, PN6**

| d    | Code              | Price Net  |
|------|-------------------|------------|
| 90   | Sew-T*-100/17-090 | 35,21 €    |
| 110  | Sew-T*-100/17-110 | 44,17 €    |
| 125  | Sew-T*-100/17-125 | 52,29 €    |
| 140  | Sew-T*-100/17-140 | 64,17 €    |
| 160  | Sew-T*-100/17-160 | 77,29 €    |
| 180  | Sew-T*-100/17-180 | 100,42 €   |
| 200  | Sew-T*-100/17-200 | 125,00 €   |
| 225  | Sew-T*-100/17-225 | 147,71 €   |
| 250  | Sew-T*-100/17-250 | 183,33 €   |
| 280  | Sew-T*-100/17-280 | 356,04 €   |
| 315  | Sew-T*-100/17-315 | 476,46 €   |
| 355  | Sew-T*-100/17-355 | 635,42 €   |
| 400  | Sew-T*-100/17-400 | 1 061,04 € |
| 450  | Sew-T*-100/17-450 | 2 271,04 € |
| 500  | Sew-T*-100/17-500 | 2 962,29 € |
| 560  | Sew-T*-100/17-560 | 4 236,88 € |
| 630  | Sew-T*-100/17-630 | 5 296,67 € |
| 710  | Sew-T*-100/17-710 | 7 728,33 € |
| 800  | Sew-T*-100/17-800 | 9 864,79 € |
| 900  | Sew-T*-100/17-900 | on request |
| 1000 | Sew-T*-100/17-000 | on request |

**Segmented cross PE100 SDR 11, SDR 17**

Standard - pressure reduction factor 0,6

**SDR11, PN9,6**

| d    | Code                | Price Net  |
|------|---------------------|------------|
| 90   | Sew- CZ -100/11-090 | 33,96 €    |
| 110  | Sew- CZ -100/11-110 | 47,92 €    |
| 125  | Sew- CZ -100/11-125 | 57,71 €    |
| 140  | Sew- CZ -100/11-140 | 75,83 €    |
| 160  | Sew- CZ -100/11-160 | 93,75 €    |
| 180  | Sew- CZ -100/11-180 | 128,75 €   |
| 200  | Sew- CZ -100/11-200 | 153,54 €   |
| 225  | Sew- CZ -100/11-225 | 189,17 €   |
| 250  | Sew- CZ -100/11-250 | 245,00 €   |
| 280  | Sew- CZ -100/11-280 | 313,54 €   |
| 315  | Sew- CZ -100/11-315 | 447,71 €   |
| 355  | Sew- CZ -100/11-355 | 728,96 €   |
| 400  | Sew- CZ -100/11-400 | 860,21 €   |
| 450  | Sew- CZ -100/11-450 | 1 660,42 € |
| 500  | Sew- CZ -100/11-500 | 2 198,33 € |
| 560  | Sew- CZ -100/11-560 | on request |
| 630  | Sew- CZ -100/11-630 | on request |
| 710  | Sew- CZ -100/11-710 | on request |
| 800  | Sew- CZ -100/11-800 | on request |
| 900  | Sew- CZ -100/11-900 | on request |
| 1000 | Sew- CZ -100/11-000 | on request |

**SDR17, PN6**

| d    | Code                | Price Net  |
|------|---------------------|------------|
| 90   | Sew- CZ -100/17-090 | 29,79 €    |
| 110  | Sew- CZ -100/17-110 | 43,33 €    |
| 125  | Sew- CZ -100/17-125 | 48,54 €    |
| 140  | Sew- CZ -100/17-140 | 62,29 €    |
| 160  | Sew- CZ -100/17-160 | 76,46 €    |
| 180  | Sew- CZ -100/17-180 | 101,25 €   |
| 200  | Sew- CZ -100/17-200 | 122,08 €   |
| 225  | Sew- CZ -100/17-225 | 144,38 €   |
| 250  | Sew- CZ -100/17-250 | 215,42 €   |
| 280  | Sew- CZ -100/17-280 | 261,67 €   |
| 315  | Sew- CZ -100/17-315 | 341,04 €   |
| 355  | Sew- CZ -100/17-355 | 527,92 €   |
| 400  | Sew- CZ -100/17-400 | 653,54 €   |
| 450  | Sew- CZ -100/17-450 | 1 159,79 € |
| 500  | Sew- CZ -100/17-500 | 1 495,21 € |
| 560  | Sew- CZ -100/17-560 | on request |
| 630  | Sew- CZ -100/17-630 | on request |
| 710  | Sew- CZ -100/17-710 | on request |
| 800  | Sew- CZ -100/17-800 | on request |
| 900  | Sew- CZ -100/17-900 | on request |
| 1000 | Sew- CZ -100/17-000 | on request |



WATER

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**Segmented tee 90° reduced PE100 SDR 11, SDR 17**

Standard - pressure reduction factor 0,6

**SDR11, PN9,6**

| d-d1    | Code                 | Price Net |
|---------|----------------------|-----------|
| 90-63   | Sew-T-100/11-090/063 | 45,83 €   |
| 90-75   | Sew-T-100/11-090/075 | 45,83 €   |
| 110-63  | Sew-T-100/11-110/063 | 55,00 €   |
| 110-75  | Sew-T-100/11-110/075 | 55,00 €   |
| 110-90  | Sew-T-100/11-110/090 | 55,00 €   |
| 125-63  | Sew-T-100/11-125/063 | 68,54 €   |
| 125-75  | Sew-T-100/11-125/075 | 68,54 €   |
| 125-90  | Sew-T-100/11-125/090 | 68,54 €   |
| 125-110 | Sew-T-100/11-125/110 | 68,54 €   |
| 140-63  | Sew-T-100/11-140/063 | 90,42 €   |
| 140-75  | Sew-T-100/11-140/075 | 90,42 €   |
| 140-90  | Sew-T-100/11-140/090 | 90,42 €   |
| 140-110 | Sew-T-100/11-140/110 | 90,42 €   |
| 140-125 | Sew-T-100/11-140/125 | 90,42 €   |
| 160-63  | Sew-T-100/11-160/063 | 103,96 €  |
| 160-75  | Sew-T-100/11-160/075 | 103,96 €  |
| 160-90  | Sew-T-100/11-160/090 | 106,04 €  |
| 160-110 | Sew-T-100/11-160/110 | 106,04 €  |
| 160-125 | Sew-T-100/11-160/125 | 106,04 €  |
| 160-140 | Sew-T-100/11-160/140 | 106,04 €  |
| 180-63  | Sew-T-100/11-180/063 | 175,63 €  |
| 180-75  | Sew-T-100/11-180/075 | 175,63 €  |
| 180-90  | Sew-T-100/11-180/090 | 145,63 €  |
| 180-110 | Sew-T-100/11-180/110 | 145,63 €  |
| 180-125 | Sew-T-100/11-180/125 | 145,63 €  |
| 180-140 | Sew-T-100/11-180/140 | 145,63 €  |
| 180-160 | Sew-T-100/11-180/160 | 145,63 €  |
| 200-63  | Sew-T-100/11-200/063 | 228,54 €  |
| 200-75  | Sew-T-100/11-200/075 | 228,54 €  |
| 200-90  | Sew-T-100/11-200/090 | 202,71 €  |
| 200-110 | Sew-T-100/11-200/110 | 202,71 €  |
| 200-125 | Sew-T-100/11-200/125 | 202,71 €  |
| 200-140 | Sew-T-100/11-200/140 | 202,71 €  |
| 200-160 | Sew-T-100/11-200/160 | 188,33 €  |
| 200-180 | Sew-T-100/11-200/180 | 188,33 €  |
| 225-63  | Sew-T-100/11-225/063 | 264,17 €  |
| 225-75  | Sew-T-100/11-225/075 | 264,17 €  |
| 225-90  | Sew-T-100/11-225/090 | 259,38 €  |
| 225-110 | Sew-T-100/11-225/110 | 259,38 €  |
| 225-125 | Sew-T-100/11-225/125 | 259,38 €  |
| 225-140 | Sew-T-100/11-225/140 | 259,38 €  |
| 225-160 | Sew-T-100/11-225/160 | 239,58 €  |
| 225-180 | Sew-T-100/11-225/180 | 239,58 €  |
| 225-200 | Sew-T-100/11-225/200 | 222,08 €  |
| 250-63  | Sew-T-100/11-250/063 | 341,25 €  |
| 250-75  | Sew-T-100/11-250/075 | 341,25 €  |
| 250-90  | Sew-T-100/11-250/090 | 331,25 €  |
| 250-110 | Sew-T-100/11-250/110 | 331,25 €  |
| 250-125 | Sew-T-100/11-250/125 | 338,13 €  |
| 250-140 | Sew-T-100/11-250/140 | 338,13 €  |
| 250-160 | Sew-T-100/11-250/160 | 310,63 €  |
| 250-180 | Sew-T-100/11-250/180 | 310,63 €  |
| 250-200 | Sew-T-100/11-250/200 | 310,63 €  |

**SDR17, PN6**

| d-d1    | Code                 | Price Net |
|---------|----------------------|-----------|
| 90-63   | Sew-T-100/17-090/063 | 44,17 €   |
| 90-75   | Sew-T-100/17-090/075 | 44,17 €   |
| 110-63  | Sew-T-100/17-110/063 | 51,67 €   |
| 110-75  | Sew-T-100/17-110/075 | 51,67 €   |
| 110-90  | Sew-T-100/17-110/090 | 51,67 €   |
| 125-63  | Sew-T-100/17-125/063 | 59,58 €   |
| 125-75  | Sew-T-100/17-125/075 | 59,58 €   |
| 125-90  | Sew-T-100/17-125/090 | 59,58 €   |
| 125-110 | Sew-T-100/17-125/110 | 59,58 €   |
| 140-63  | Sew-T-100/17-140/063 | 83,54 €   |
| 140-75  | Sew-T-100/17-140/075 | 83,54 €   |
| 140-90  | Sew-T-100/17-140/090 | 83,54 €   |
| 140-110 | Sew-T-100/17-140/110 | 83,54 €   |
| 140-125 | Sew-T-100/17-140/125 | 83,54 €   |
| 160-63  | Sew-T-100/17-160/063 | 103,75 €  |
| 160-75  | Sew-T-100/17-160/075 | 103,75 €  |
| 160-90  | Sew-T-100/17-160/090 | 103,75 €  |
| 160-110 | Sew-T-100/17-160/110 | 97,50 €   |
| 160-125 | Sew-T-100/17-160/125 | 97,50 €   |
| 160-140 | Sew-T-100/17-160/140 | 97,50 €   |
| 180-63  | Sew-T-100/17-180/063 | 152,92 €  |
| 180-75  | Sew-T-100/17-180/075 | 152,92 €  |
| 180-90  | Sew-T-100/17-180/090 | 130,21 €  |
| 180-110 | Sew-T-100/17-180/110 | 130,21 €  |
| 180-125 | Sew-T-100/17-180/125 | 130,21 €  |
| 180-140 | Sew-T-100/17-180/140 | 130,21 €  |
| 180-160 | Sew-T-100/17-180/160 | 127,50 €  |
| 200-63  | Sew-T-100/17-200/063 | 193,75 €  |
| 200-75  | Sew-T-100/17-200/075 | 193,75 €  |
| 200-90  | Sew-T-100/17-200/090 | 193,75 €  |
| 200-110 | Sew-T-100/17-200/110 | 183,96 €  |
| 200-125 | Sew-T-100/17-200/125 | 183,96 €  |
| 200-140 | Sew-T-100/17-200/140 | 183,96 €  |
| 200-160 | Sew-T-100/17-200/160 | 164,79 €  |
| 200-180 | Sew-T-100/17-200/180 | 164,79 €  |
| 225-63  | Sew-T-100/17-225/063 | 236,25 €  |
| 225-75  | Sew-T-100/17-225/075 | 236,25 €  |
| 225-90  | Sew-T-100/17-225/090 | 236,25 €  |
| 225-110 | Sew-T-100/17-225/110 | 227,29 €  |
| 225-125 | Sew-T-100/17-225/125 | 227,29 €  |
| 225-140 | Sew-T-100/17-225/140 | 227,29 €  |
| 225-160 | Sew-T-100/17-225/160 | 206,67 €  |
| 225-180 | Sew-T-100/17-225/180 | 206,67 €  |
| 225-200 | Sew-T-100/17-225/200 | 207,92 €  |
| 250-63  | Sew-T-100/17-250/063 | 323,33 €  |
| 250-75  | Sew-T-100/17-250/075 | 323,33 €  |
| 250-90  | Sew-T-100/17-250/090 | 323,33 €  |
| 250-110 | Sew-T-100/17-250/110 | 296,88 €  |
| 250-125 | Sew-T-100/17-250/125 | 296,04 €  |
| 250-140 | Sew-T-100/17-250/140 | 296,04 €  |
| 250-160 | Sew-T-100/17-250/160 | 262,71 €  |
| 250-180 | Sew-T-100/17-250/180 | 262,71 €  |
| 250-200 | Sew-T-100/17-250/200 | 275,83 €  |

WATER SEWERS 

## Segmented tee 90° reduced PE100 SDR 11, SDR 17

Standard - pressure reduction factor 0,6



## SDR11, PN9,6

| d-d1    | Code                 | Price Net  |
|---------|----------------------|------------|
| 250-225 | Sew-T-100/11-250/225 | 311,67 €   |
| 280-63  | Sew-T-100/11-280/063 | 463,33 €   |
| 280-75  | Sew-T-100/11-280/075 | 463,33 €   |
| 280-90  | Sew-T-100/11-280/090 | 463,33 €   |
| 280-110 | Sew-T-100/11-280/110 | 460,63 €   |
| 280-125 | Sew-T-100/11-280/125 | 460,63 €   |
| 280-140 | Sew-T-100/11-280/140 | 460,63 €   |
| 280-160 | Sew-T-100/11-280/160 | 410,42 €   |
| 280-180 | Sew-T-100/11-280/180 | 410,42 €   |
| 280-200 | Sew-T-100/11-280/200 | 410,42 €   |
| 280-225 | Sew-T-100/11-280/225 | 387,08 €   |
| 280-250 | Sew-T-100/11-280/250 | 387,08 €   |
| 315-63  | Sew-T-100/11-315/063 | 572,08 €   |
| 315-75  | Sew-T-100/11-315/075 | 572,08 €   |
| 315-90  | Sew-T-100/11-315/090 | 572,08 €   |
| 315-110 | Sew-T-100/11-315/110 | 565,00 €   |
| 315-125 | Sew-T-100/11-315/125 | 565,00 €   |
| 315-140 | Sew-T-100/11-315/140 | 565,00 €   |
| 315-160 | Sew-T-100/11-315/160 | 533,75 €   |
| 315-180 | Sew-T-100/11-315/180 | 533,75 €   |
| 315-200 | Sew-T-100/11-315/200 | 544,79 €   |
| 315-225 | Sew-T-100/11-315/225 | 544,79 €   |
| 315-250 | Sew-T-100/11-315/250 | 539,38 €   |
| 315-280 | Sew-T-100/11-315/280 | 539,38 €   |
| 355-63  | Sew-T-100/11-355/063 | 1 033,96 € |
| 355-75  | Sew-T-100/11-355/075 | 1 033,96 € |
| 355-90  | Sew-T-100/11-355/090 | 1 033,96 € |
| 355-110 | Sew-T-100/11-355/110 | 1 046,67 € |
| 355-125 | Sew-T-100/11-355/125 | 1 046,67 € |
| 355-140 | Sew-T-100/11-355/140 | 1 046,67 € |
| 355-160 | Sew-T-100/11-355/160 | 1 008,13 € |
| 355-180 | Sew-T-100/11-355/180 | 1 008,13 € |
| 355-200 | Sew-T-100/11-355/200 | 966,88 €   |
| 355-225 | Sew-T-100/11-355/225 | 966,88 €   |
| 355-250 | Sew-T-100/11-355/250 | 967,50 €   |
| 355-280 | Sew-T-100/11-355/280 | 967,50 €   |
| 355-315 | Sew-T-100/11-355/315 | 826,67 €   |
| 400-63  | Sew-T-100/11-400/063 | 1 483,54 € |
| 400-75  | Sew-T-100/11-400/075 | 1 483,54 € |
| 400-90  | Sew-T-100/11-400/090 | 1 483,54 € |
| 400-110 | Sew-T-100/11-400/110 | 1 482,71 € |
| 400-125 | Sew-T-100/11-400/125 | 1 482,71 € |
| 400-140 | Sew-T-100/11-400/140 | 1 482,71 € |
| 400-160 | Sew-T-100/11-400/160 | 1 446,04 € |
| 400-180 | Sew-T-100/11-400/180 | 1 446,04 € |
| 400-200 | Sew-T-100/11-400/200 | 1 332,92 € |
| 400-225 | Sew-T-100/11-400/225 | 1 382,92 € |
| 400-250 | Sew-T-100/11-400/250 | 1 232,92 € |
| 400-280 | Sew-T-100/11-400/280 | 1 232,92 € |
| 400-315 | Sew-T-100/11-400/315 | 1 146,88 € |
| 400-355 | Sew-T-100/11-400/355 | 1 146,88 € |



## SDR17, PN6

| d-d1    | Code                 | Price Net  |
|---------|----------------------|------------|
| 250-225 | Sew-T-100/17-250/225 | 275,83 €   |
| 280-63  | Sew-T-100/17-280/063 | 403,96 €   |
| 280-75  | Sew-T-100/17-280/075 | 403,96 €   |
| 280-90  | Sew-T-100/17-280/090 | 403,96 €   |
| 280-110 | Sew-T-100/17-280/110 | 380,63 €   |
| 280-125 | Sew-T-100/17-280/125 | 380,63 €   |
| 280-140 | Sew-T-100/17-280/140 | 380,63 €   |
| 280-160 | Sew-T-100/17-280/160 | 365,42 €   |
| 280-180 | Sew-T-100/17-280/180 | 365,42 €   |
| 280-200 | Sew-T-100/17-280/200 | 365,42 €   |
| 280-225 | Sew-T-100/17-280/225 | 339,17 €   |
| 280-250 | Sew-T-100/17-280/250 | 307,92 €   |
| 315-63  | Sew-T-100/17-315/063 | 497,29 €   |
| 315-75  | Sew-T-100/17-315/075 | 497,29 €   |
| 315-90  | Sew-T-100/17-315/090 | 497,29 €   |
| 315-110 | Sew-T-100/17-315/110 | 486,88 €   |
| 315-125 | Sew-T-100/17-315/125 | 486,88 €   |
| 315-140 | Sew-T-100/17-315/140 | 486,88 €   |
| 315-160 | Sew-T-100/17-315/160 | 439,79 €   |
| 315-180 | Sew-T-100/17-315/180 | 439,79 €   |
| 315-200 | Sew-T-100/17-315/200 | 432,08 €   |
| 315-225 | Sew-T-100/17-315/225 | 432,08 €   |
| 315-250 | Sew-T-100/17-315/250 | 397,50 €   |
| 315-280 | Sew-T-100/17-315/280 | 397,50 €   |
| 355-63  | Sew-T-100/17-355/063 | 912,08 €   |
| 355-75  | Sew-T-100/17-355/075 | 912,08 €   |
| 355-90  | Sew-T-100/17-355/090 | 912,08 €   |
| 355-110 | Sew-T-100/17-355/110 | 864,38 €   |
| 355-125 | Sew-T-100/17-355/125 | 864,38 €   |
| 355-140 | Sew-T-100/17-355/140 | 864,38 €   |
| 355-160 | Sew-T-100/17-355/160 | 852,29 €   |
| 355-180 | Sew-T-100/17-355/180 | 852,29 €   |
| 355-200 | Sew-T-100/17-355/200 | 741,67 €   |
| 355-225 | Sew-T-100/17-355/225 | 741,67 €   |
| 355-250 | Sew-T-100/17-355/250 | 699,79 €   |
| 355-280 | Sew-T-100/17-355/280 | 699,79 €   |
| 355-315 | Sew-T-100/17-355/315 | 597,92 €   |
| 400-63  | Sew-T-100/17-400/063 | 1 184,79 € |
| 400-75  | Sew-T-100/17-400/075 | 1 184,79 € |
| 400-90  | Sew-T-100/17-400/090 | 1 184,79 € |
| 400-110 | Sew-T-100/17-400/110 | 1 213,33 € |
| 400-125 | Sew-T-100/17-400/125 | 1 213,33 € |
| 400-140 | Sew-T-100/17-400/140 | 1 213,33 € |
| 400-160 | Sew-T-100/17-400/160 | 1 179,58 € |
| 400-180 | Sew-T-100/17-400/180 | 1 179,58 € |
| 400-200 | Sew-T-100/17-400/200 | 1 085,00 € |
| 400-225 | Sew-T-100/17-400/225 | 1 085,00 € |
| 400-250 | Sew-T-100/17-400/250 | 1 033,33 € |
| 400-280 | Sew-T-100/17-400/280 | 1 033,33 € |
| 400-315 | Sew-T-100/17-400/315 | 923,33 €   |
| 400-355 | Sew-T-100/17-400/355 | 894,38 €   |



WATER

SEWERS



**Segmented tee 90° with steel flange PE100 SDR 11, SDR 17**

Standard - pressure reduction factor 0,6

**SDR11, PN9,6**

| d-d1      | Code                  | Price Net |
|-----------|-----------------------|-----------|
| 90 - 50   | Sew-TK-100/11-090/050 | 71,67 €   |
| 90 - 65   | Sew-TK-100/11-090/065 | 71,67 €   |
| 90 - 80   | Sew-TK-100/11-090/080 | 62,08 €   |
| 110 - 50  | Sew-TK-100/11-110/050 | 80,63 €   |
| 110 - 65  | Sew-TK-100/11-110/065 | 80,63 €   |
| 110 - 80  | Sew-TK-100/11-110/080 | 87,50 €   |
| 110 - 100 | Sew-TK-100/11-110/100 | 83,75 €   |
| 125 - 50  | Sew-TK-100/11-125/050 | 93,33 €   |
| 125 - 65  | Sew-TK-100/11-125/065 | 93,33 €   |
| 125 - 80  | Sew-TK-100/11-125/080 | 102,50 €  |
| 125 - 100 | Sew-TK-100/11-125/100 | 107,29 €  |
| 140 - 50  | Sew-TK-100/11-140/050 | 112,08 €  |
| 140 - 65  | Sew-TK-100/11-140/065 | 112,08 €  |
| 140 - 80  | Sew-TK-100/11-140/080 | 108,33 €  |
| 140 - 100 | Sew-TK-100/11-140/100 | 112,08 €  |
| 140 - 125 | Sew-TK-100/11-140/125 | 112,08 €  |
| 160 - 50  | Sew-TK-100/11-160/050 | 137,29 €  |
| 160 - 65  | Sew-TK-100/11-160/065 | 137,29 €  |
| 160 - 80  | Sew-TK-100/11-160/080 | 135,42 €  |
| 160 - 100 | Sew-TK-100/11-160/100 | 145,00 €  |
| 160 - 125 | Sew-TK-100/11-160/125 | 145,00 €  |
| 160 - 150 | Sew-TK-100/11-160/150 | 143,96 €  |
| 180 - 50  | Sew-TK-100/11-180/050 | 195,83 €  |
| 180 - 65  | Sew-TK-100/11-180/065 | 195,83 €  |
| 180 - 80  | Sew-TK-100/11-180/080 | 172,08 €  |
| 180 - 100 | Sew-TK-100/11-180/100 | 188,75 €  |
| 180 - 125 | Sew-TK-100/11-180/125 | 188,75 €  |
| 180 - 150 | Sew-TK-100/11-180/150 | 210,21 €  |
| 200 - 50  | Sew-TK-100/11-200/050 | 268,96 €  |
| 200 - 65  | Sew-TK-100/11-200/065 | 268,96 €  |
| 200 - 80  | Sew-TK-100/11-200/080 | 231,04 €  |
| 200 - 100 | Sew-TK-100/11-200/100 | 246,46 €  |
| 200 - 125 | Sew-TK-100/11-200/125 | 246,46 €  |
| 200 - 150 | Sew-TK-100/11-200/150 | 257,50 €  |
| 200 - 200 | Sew-TK-100/11-200/200 | 225,63 €  |
| 225 - 50  | Sew-TK-100/11-225/050 | 298,13 €  |
| 225 - 65  | Sew-TK-100/11-225/065 | 298,13 €  |
| 225 - 80  | Sew-TK-100/11-225/080 | 288,96 €  |
| 225 - 100 | Sew-TK-100/11-225/100 | 307,71 €  |
| 225 - 125 | Sew-TK-100/11-225/125 | 307,71 €  |
| 225 - 150 | Sew-TK-100/11-225/150 | 315,83 €  |
| 225 - 200 | Sew-TK-100/11-225/200 | 297,50 €  |
| 250 - 50  | Sew-TK-100/11-250/050 | 363,13 €  |
| 250 - 65  | Sew-TK-100/11-250/065 | 363,13 €  |
| 250 - 80  | Sew-TK-100/11-250/080 | 355,00 €  |
| 250 - 100 | Sew-TK-100/11-250/100 | 370,21 €  |
| 250 - 125 | Sew-TK-100/11-250/125 | 370,21 €  |
| 250 - 150 | Sew-TK-100/11-250/150 | 375,42 €  |
| 250 - 200 | Sew-TK-100/11-250/200 | 383,96 €  |
| 250 - 250 | Sew-TK-100/11-250/250 | 383,96 €  |

**SDR17, PN6**

| d-d1      | Code                  | Price Net |
|-----------|-----------------------|-----------|
| 90 - 50   | Sew-TK-100/17-090/050 | 66,67 €   |
| 90 - 65   | Sew-TK-100/17-090/065 | 66,67 €   |
| 90 - 80   | Sew-TK-100/17-090/080 | 59,58 €   |
| 110 - 50  | Sew-TK-100/17-110/050 | 76,04 €   |
| 110 - 65  | Sew-TK-100/17-110/065 | 76,04 €   |
| 110 - 80  | Sew-TK-100/17-110/080 | 81,67 €   |
| 110 - 100 | Sew-TK-100/17-110/100 | 75,21 €   |
| 125 - 50  | Sew-TK-100/17-125/050 | 87,71 €   |
| 125 - 65  | Sew-TK-100/17-125/065 | 87,71 €   |
| 125 - 80  | Sew-TK-100/17-125/080 | 97,29 €   |
| 125 - 100 | Sew-TK-100/17-125/100 | 97,50 €   |
| 140 - 50  | Sew-TK-100/17-140/050 | 88,13 €   |
| 140 - 65  | Sew-TK-100/17-140/065 | 88,13 €   |
| 140 - 80  | Sew-TK-100/17-140/080 | 97,92 €   |
| 140 - 100 | Sew-TK-100/17-140/100 | 107,92 €  |
| 140 - 125 | Sew-TK-100/17-140/125 | 107,92 €  |
| 160 - 50  | Sew-TK-100/17-160/050 | 127,50 €  |
| 160 - 65  | Sew-TK-100/17-160/065 | 127,50 €  |
| 160 - 80  | Sew-TK-100/17-160/080 | 132,08 €  |
| 160 - 100 | Sew-TK-100/17-160/100 | 138,96 €  |
| 160 - 125 | Sew-TK-100/17-160/125 | 138,96 €  |
| 160 - 150 | Sew-TK-100/17-160/150 | 128,13 €  |
| 180 - 50  | Sew-TK-100/17-180/050 | 179,58 €  |
| 180 - 65  | Sew-TK-100/17-180/065 | 179,58 €  |
| 180 - 80  | Sew-TK-100/17-180/080 | 167,29 €  |
| 180 - 100 | Sew-TK-100/17-180/100 | 186,04 €  |
| 180 - 125 | Sew-TK-100/17-180/125 | 186,04 €  |
| 180 - 150 | Sew-TK-100/17-180/150 | 170,42 €  |
| 200 - 50  | Sew-TK-100/17-200/050 | 242,08 €  |
| 200 - 65  | Sew-TK-100/17-200/065 | 242,08 €  |
| 200 - 80  | Sew-TK-100/17-200/080 | 221,04 €  |
| 200 - 100 | Sew-TK-100/17-200/100 | 240,83 €  |
| 200 - 125 | Sew-TK-100/17-200/125 | 240,83 €  |
| 200 - 150 | Sew-TK-100/17-200/150 | 245,83 €  |
| 200 - 200 | Sew-TK-100/17-200/200 | 198,33 €  |
| 225 - 50  | Sew-TK-100/17-225/050 | 287,71 €  |
| 225 - 65  | Sew-TK-100/17-225/065 | 287,71 €  |
| 225 - 80  | Sew-TK-100/17-225/080 | 287,92 €  |
| 225 - 100 | Sew-TK-100/17-225/100 | 300,00 €  |
| 225 - 125 | Sew-TK-100/17-225/125 | 300,00 €  |
| 225 - 150 | Sew-TK-100/17-225/150 | 289,79 €  |
| 225 - 200 | Sew-TK-100/17-225/200 | 237,92 €  |
| 250 - 50  | Sew-TK-100/17-250/050 | 338,13 €  |
| 250 - 65  | Sew-TK-100/17-250/065 | 338,13 €  |
| 250 - 80  | Sew-TK-100/17-250/080 | 323,33 €  |
| 250 - 100 | Sew-TK-100/17-250/100 | 338,13 €  |
| 250 - 125 | Sew-TK-100/17-250/125 | 338,13 €  |
| 250 - 150 | Sew-TK-100/17-250/150 | 327,29 €  |
| 250 - 200 | Sew-TK-100/17-250/200 | 368,33 €  |
| 250 - 250 | Sew-TK-100/17-250/250 | 347,92 €  |



WATER

SEWERS



**Segmented tee 90° with steel flange PE100 SDR 11, SDR 17**

Standard - pressure reduction factor 0,6

**SDR11, PN9,6**

| d-d1             | Code                  | Price Net         |
|------------------|-----------------------|-------------------|
| <b>280 - 50</b>  | Sew-TK-100/11-280/050 | <b>474,38 €</b>   |
| <b>280 - 65</b>  | Sew-TK-100/11-280/065 | <b>474,38 €</b>   |
| <b>280 - 80</b>  | Sew-TK-100/11-280/080 | <b>475,21 €</b>   |
| <b>280 - 100</b> | Sew-TK-100/11-280/100 | <b>480,63 €</b>   |
| <b>280 - 125</b> | Sew-TK-100/11-280/125 | <b>480,63 €</b>   |
| <b>280 - 150</b> | Sew-TK-100/11-280/150 | <b>475,63 €</b>   |
| <b>280 - 200</b> | Sew-TK-100/11-280/200 | <b>505,21 €</b>   |
| <b>280 - 250</b> | Sew-TK-100/11-280/250 | <b>494,38 €</b>   |
| <b>315 - 50</b>  | Sew-TK-100/11-315/050 | <b>599,79 €</b>   |
| <b>315 - 65</b>  | Sew-TK-100/11-315/065 | <b>599,79 €</b>   |
| <b>315 - 80</b>  | Sew-TK-100/11-315/080 | <b>598,75 €</b>   |
| <b>315 - 100</b> | Sew-TK-100/11-315/100 | <b>613,13 €</b>   |
| <b>315 - 125</b> | Sew-TK-100/11-315/125 | <b>613,13 €</b>   |
| <b>315 - 150</b> | Sew-TK-100/11-315/150 | <b>615,83 €</b>   |
| <b>315 - 200</b> | Sew-TK-100/11-315/200 | <b>620,21 €</b>   |
| <b>315 - 250</b> | Sew-TK-100/11-315/250 | <b>617,71 €</b>   |
| <b>315 - 300</b> | Sew-TK-100/11-315/300 | <b>602,71 €</b>   |
| <b>355 - 100</b> | Sew-TK-100/11-355/100 | <b>1 091,67 €</b> |
| <b>355 - 125</b> | Sew-TK-100/11-355/125 | <b>1 091,67 €</b> |
| <b>355 - 150</b> | Sew-TK-100/11-355/150 | <b>1 080,63 €</b> |
| <b>355 - 200</b> | Sew-TK-100/11-355/200 | <b>1 036,88 €</b> |
| <b>355 - 250</b> | Sew-TK-100/11-355/250 | <b>1 071,88 €</b> |
| <b>355 - 300</b> | Sew-TK-100/11-355/300 | <b>1 043,96 €</b> |
| <b>355 - 350</b> | Sew-TK-100/11-355/350 | <b>888,75 €</b>   |
| <b>400 - 50</b>  | Sew-TK-100/11-400/050 | <b>1 452,92 €</b> |
| <b>400 - 65</b>  | Sew-TK-100/11-400/065 | <b>1 452,92 €</b> |
| <b>400 - 80</b>  | Sew-TK-100/11-400/080 | <b>1 445,00 €</b> |
| <b>400 - 100</b> | Sew-TK-100/11-400/100 | <b>1 430,63 €</b> |
| <b>400 - 125</b> | Sew-TK-100/11-400/125 | <b>1 430,63 €</b> |
| <b>400 - 150</b> | Sew-TK-100/11-400/150 | <b>1 450,83 €</b> |
| <b>400 - 200</b> | Sew-TK-100/11-400/200 | <b>1 416,25 €</b> |
| <b>400 - 250</b> | Sew-TK-100/11-400/250 | <b>1 454,17 €</b> |
| <b>400 - 300</b> | Sew-TK-100/11-400/300 | <b>1 422,71 €</b> |
| <b>400 - 350</b> | Sew-TK-100/11-400/350 | <b>1 454,17 €</b> |
| <b>400 - 400</b> | Sew-TK-100/11-400/400 | <b>1 265,83 €</b> |

**SDR17, PN6**

| d-d1             | Code                  | Price Net         |
|------------------|-----------------------|-------------------|
| <b>280 - 50</b>  | Sew-TK-100/17-280/050 | <b>422,92 €</b>   |
| <b>280 - 65</b>  | Sew-TK-100/17-280/065 | <b>422,92 €</b>   |
| <b>280 - 80</b>  | Sew-TK-100/17-280/080 | <b>431,67 €</b>   |
| <b>280 - 100</b> | Sew-TK-100/17-280/100 | <b>447,50 €</b>   |
| <b>280 - 125</b> | Sew-TK-100/17-280/125 | <b>447,50 €</b>   |
| <b>280 - 150</b> | Sew-TK-100/17-280/150 | <b>441,25 €</b>   |
| <b>280 - 200</b> | Sew-TK-100/17-280/200 | <b>431,67 €</b>   |
| <b>280 - 250</b> | Sew-TK-100/17-280/250 | <b>388,96 €</b>   |
| <b>315 - 50</b>  | Sew-TK-100/17-315/050 | <b>524,17 €</b>   |
| <b>315 - 65</b>  | Sew-TK-100/17-315/065 | <b>524,17 €</b>   |
| <b>315 - 80</b>  | Sew-TK-100/17-315/080 | <b>509,79 €</b>   |
| <b>315 - 100</b> | Sew-TK-100/17-315/100 | <b>524,17 €</b>   |
| <b>315 - 125</b> | Sew-TK-100/17-315/125 | <b>524,17 €</b>   |
| <b>315 - 150</b> | Sew-TK-100/17-315/150 | <b>515,63 €</b>   |
| <b>315 - 200</b> | Sew-TK-100/17-315/200 | <b>549,79 €</b>   |
| <b>315 - 250</b> | Sew-TK-100/17-315/250 | <b>596,88 €</b>   |
| <b>315 - 300</b> | Sew-TK-100/17-315/300 | <b>492,50 €</b>   |
| <b>355 - 100</b> | Sew-TK-100/17-355/100 | <b>977,50 €</b>   |
| <b>355 - 125</b> | Sew-TK-100/17-355/125 | <b>977,50 €</b>   |
| <b>355 - 150</b> | Sew-TK-100/17-355/150 | <b>948,33 €</b>   |
| <b>355 - 200</b> | Sew-TK-100/17-355/200 | <b>864,38 €</b>   |
| <b>355 - 250</b> | Sew-TK-100/17-355/250 | <b>912,08 €</b>   |
| <b>355 - 300</b> | Sew-TK-100/17-355/300 | <b>838,13 €</b>   |
| <b>355 - 350</b> | Sew-TK-100/17-355/350 | <b>801,46 €</b>   |
| <b>400 - 50</b>  | Sew-TK-100/17-400/050 | <b>1 293,75 €</b> |
| <b>400 - 65</b>  | Sew-TK-100/17-400/065 | <b>1 293,75 €</b> |
| <b>400 - 80</b>  | Sew-TK-100/17-400/080 | <b>1 238,96 €</b> |
| <b>400 - 100</b> | Sew-TK-100/17-400/100 | <b>1 254,79 €</b> |
| <b>400 - 125</b> | Sew-TK-100/17-400/125 | <b>1 254,79 €</b> |
| <b>400 - 150</b> | Sew-TK-100/17-400/150 | <b>1 244,17 €</b> |
| <b>400 - 200</b> | Sew-TK-100/17-400/200 | <b>1 189,17 €</b> |
| <b>400 - 250</b> | Sew-TK-100/17-400/250 | <b>1 244,79 €</b> |
| <b>400 - 300</b> | Sew-TK-100/17-400/300 | <b>1 164,79 €</b> |
| <b>400 - 350</b> | Sew-TK-100/17-400/350 | <b>1 346,67 €</b> |
| <b>400 - 400</b> | Sew-TK-100/17-400/400 | <b>1 061,46 €</b> |



WATER

SEWERS

**Segmented tee 90° with steel flange PE100 SDR 11, SDR 17**

Standard - pressure reduction factor 0,6

**SDR11, PN9,6**

| d-d1    | Code                  | Price Net |
|---------|-----------------------|-----------|
| 90-63   | Sew-T*-100/11-090/063 | 50,63 €   |
| 90-75   | Sew-T*-100/11-090/075 | 50,63 €   |
| 110-63  | Sew-T*-100/11-110/063 | 72,71 €   |
| 110-75  | Sew-T*-100/11-110/075 | 72,71 €   |
| 110-90  | Sew-T*-100/11-110/090 | 72,71 €   |
| 125-63  | Sew-T*-100/11-125/063 | 88,13 €   |
| 125-75  | Sew-T*-100/11-125/075 | 88,13 €   |
| 125-90  | Sew-T*-100/11-125/090 | 88,13 €   |
| 125-110 | Sew-T*-100/11-125/110 | 88,13 €   |
| 140-63  | Sew-T*-100/11-140/063 | 127,92 €  |
| 140-75  | Sew-T*-100/11-140/075 | 127,92 €  |
| 140-90  | Sew-T*-100/11-140/090 | 127,92 €  |
| 140-110 | Sew-T*-100/11-140/110 | 127,92 €  |
| 140-125 | Sew-T*-100/11-140/125 | 127,92 €  |
| 160-63  | Sew-T*-100/11-160/063 | 137,71 €  |
| 160-75  | Sew-T*-100/11-160/075 | 137,71 €  |
| 160-90  | Sew-T*-100/11-160/090 | 137,71 €  |
| 160-110 | Sew-T*-100/11-160/110 | 137,71 €  |
| 160-125 | Sew-T*-100/11-160/125 | 137,71 €  |
| 160-140 | Sew-T*-100/11-160/140 | 137,71 €  |
| 180-63  | Sew-T*-100/11-180/063 | 193,54 €  |
| 180-75  | Sew-T*-100/11-180/075 | 193,54 €  |
| 180-90  | Sew-T*-100/11-180/090 | 193,54 €  |
| 180-110 | Sew-T*-100/11-180/110 | 193,54 €  |
| 180-125 | Sew-T*-100/11-180/125 | 193,54 €  |
| 180-140 | Sew-T*-100/11-180/140 | 193,54 €  |
| 180-160 | Sew-T*-100/11-180/160 | 193,54 €  |
| 200-63  | Sew-T*-100/11-200/063 | 283,96 €  |
| 200-75  | Sew-T*-100/11-200/075 | 283,96 €  |
| 200-90  | Sew-T*-100/11-200/090 | 283,96 €  |
| 200-110 | Sew-T*-100/11-200/110 | 280,21 €  |
| 200-125 | Sew-T*-100/11-200/125 | 280,21 €  |
| 200-140 | Sew-T*-100/11-200/140 | 280,21 €  |
| 200-160 | Sew-T*-100/11-200/160 | 263,75 €  |
| 200-180 | Sew-T*-100/11-200/180 | 263,75 €  |
| 225-63  | Sew-T*-100/11-225/063 | 355,42 €  |
| 225-75  | Sew-T*-100/11-225/075 | 355,42 €  |
| 225-90  | Sew-T*-100/11-225/090 | 353,75 €  |
| 225-110 | Sew-T*-100/11-225/110 | 353,75 €  |
| 225-125 | Sew-T*-100/11-225/125 | 353,75 €  |
| 225-140 | Sew-T*-100/11-225/140 | 353,75 €  |
| 225-160 | Sew-T*-100/11-225/160 | 334,79 €  |
| 225-180 | Sew-T*-100/11-225/180 | 334,79 €  |
| 225-200 | Sew-T*-100/11-225/200 | 351,25 €  |
| 250-63  | Sew-T*-100/11-250/063 | 412,71 €  |
| 250-75  | Sew-T*-100/11-250/075 | 412,71 €  |
| 250-90  | Sew-T*-100/11-250/090 | 410,21 €  |
| 250-110 | Sew-T*-100/11-250/110 | 410,21 €  |
| 250-125 | Sew-T*-100/11-250/125 | 412,71 €  |
| 250-140 | Sew-T*-100/11-250/140 | 412,71 €  |
| 250-160 | Sew-T*-100/11-250/160 | 374,79 €  |
| 250-180 | Sew-T*-100/11-250/180 | 374,79 €  |
| 250-200 | Sew-T*-100/11-250/200 | 371,67 €  |

\* degree (f.e. 30 for degree 30°; 60 for degree 60°)

**SDR17, PN6**

| d-d1    | Code                  | Price Net |
|---------|-----------------------|-----------|
| 90-63   | Sew-T*-100/17-090/063 | 44,58 €   |
| 90-75   | Sew-T*-100/17-090/075 | 44,58 €   |
| 110-63  | Sew-T*-100/17-110/063 | 67,71 €   |
| 110-75  | Sew-T*-100/17-110/075 | 67,71 €   |
| 110-90  | Sew-T*-100/17-110/090 | 67,71 €   |
| 125-63  | Sew-T*-100/17-125/063 | 76,88 €   |
| 125-75  | Sew-T*-100/17-125/075 | 76,88 €   |
| 125-90  | Sew-T*-100/17-125/090 | 76,88 €   |
| 125-110 | Sew-T*-100/17-125/110 | 76,88 €   |
| 140-63  | Sew-T*-100/17-140/063 | 121,67 €  |
| 140-75  | Sew-T*-100/17-140/075 | 121,67 €  |
| 140-90  | Sew-T*-100/17-140/090 | 121,67 €  |
| 140-110 | Sew-T*-100/17-140/110 | 121,67 €  |
| 140-125 | Sew-T*-100/17-140/125 | 121,67 €  |
| 160-63  | Sew-T*-100/17-160/063 | 116,67 €  |
| 160-75  | Sew-T*-100/17-160/075 | 116,67 €  |
| 160-90  | Sew-T*-100/17-160/090 | 116,67 €  |
| 160-110 | Sew-T*-100/17-160/110 | 116,67 €  |
| 160-125 | Sew-T*-100/17-160/125 | 116,67 €  |
| 160-140 | Sew-T*-100/17-160/140 | 116,67 €  |
| 180-63  | Sew-T*-100/17-180/063 | 176,25 €  |
| 180-75  | Sew-T*-100/17-180/075 | 176,25 €  |
| 180-90  | Sew-T*-100/17-180/090 | 175,42 €  |
| 180-110 | Sew-T*-100/17-180/110 | 175,42 €  |
| 180-125 | Sew-T*-100/17-180/125 | 175,42 €  |
| 180-140 | Sew-T*-100/17-180/140 | 175,42 €  |
| 180-160 | Sew-T*-100/17-180/160 | 156,25 €  |
| 200-63  | Sew-T*-100/17-200/063 | 252,92 €  |
| 200-75  | Sew-T*-100/17-200/075 | 252,92 €  |
| 200-90  | Sew-T*-100/17-200/090 | 247,92 €  |
| 200-110 | Sew-T*-100/17-200/110 | 247,92 €  |
| 200-125 | Sew-T*-100/17-200/125 | 252,92 €  |
| 200-140 | Sew-T*-100/17-200/140 | 252,92 €  |
| 200-160 | Sew-T*-100/17-200/160 | 216,25 €  |
| 200-180 | Sew-T*-100/17-200/180 | 209,17 €  |
| 225-63  | Sew-T*-100/17-225/063 | 279,38 €  |
| 225-75  | Sew-T*-100/17-225/075 | 279,38 €  |
| 225-90  | Sew-T*-100/17-225/090 | 275,00 €  |
| 225-110 | Sew-T*-100/17-225/110 | 275,00 €  |
| 225-125 | Sew-T*-100/17-225/125 | 275,00 €  |
| 225-140 | Sew-T*-100/17-225/140 | 275,00 €  |
| 225-160 | Sew-T*-100/17-225/160 | 255,21 €  |
| 225-180 | Sew-T*-100/17-225/180 | 244,38 €  |
| 225-200 | Sew-T*-100/17-225/200 | 244,38 €  |
| 250-63  | Sew-T*-100/17-250/063 | 339,79 €  |
| 250-75  | Sew-T*-100/17-250/075 | 339,79 €  |
| 250-90  | Sew-T*-100/17-250/090 | 334,79 €  |
| 250-110 | Sew-T*-100/17-250/110 | 334,79 €  |
| 250-125 | Sew-T*-100/17-250/125 | 343,13 €  |
| 250-140 | Sew-T*-100/17-250/140 | 343,13 €  |
| 250-160 | Sew-T*-100/17-250/160 | 307,08 €  |
| 250-180 | Sew-T*-100/17-250/180 | 333,96 €  |
| 250-200 | Sew-T*-100/17-250/200 | 293,54 €  |



WATER

SEWERS

**Segmented tee 90° with steel flange PE100 SDR 11, SDR 17**

Standard - pressure reduction factor 0,6

**SDR11, PN9,6**

| d-d1           | Code                  | Price Net       |
|----------------|-----------------------|-----------------|
| <b>250-225</b> | Sew-T*-100/11-250/225 | <b>338,54 €</b> |
| <b>280-63</b>  | Sew-T*-100/11-280/063 | <b>808,75 €</b> |
| <b>280-75</b>  | Sew-T*-100/11-280/075 | <b>808,75 €</b> |
| <b>280-90</b>  | Sew-T*-100/11-280/090 | <b>808,75 €</b> |
| <b>280-110</b> | Sew-T*-100/11-280/110 | <b>789,79 €</b> |
| <b>280-125</b> | Sew-T*-100/11-280/125 | <b>789,79 €</b> |
| <b>280-140</b> | Sew-T*-100/11-280/140 | <b>790,21 €</b> |
| <b>280-160</b> | Sew-T*-100/11-280-160 | <b>734,79 €</b> |
| <b>280-180</b> | Sew-T*-100/11-280/180 | <b>789,17 €</b> |
| <b>280-200</b> | Sew-T*-100/11-280/200 | <b>738,33 €</b> |
| <b>280-225</b> | Sew-T*-100/11-280/225 | <b>732,08 €</b> |
| <b>280-250</b> | Sew-T*-100/11-280/250 | <b>732,08 €</b> |
| <b>315-63</b>  | Sew-T*-100/11-315/063 | <b>949,58 €</b> |
| <b>315-75</b>  | Sew-T*-100/11-315/075 | <b>949,58 €</b> |
| <b>315-90</b>  | Sew-T*-100/11-315/090 | <b>946,46 €</b> |
| <b>315-110</b> | Sew-T*-100/11-315/110 | <b>946,46 €</b> |
| <b>315-125</b> | Sew-T*-100/11-315/125 | <b>944,79 €</b> |
| <b>315-140</b> | Sew-T*-100/11-315/140 | <b>944,79 €</b> |
| <b>315-160</b> | Sew-T*-100/11-315-160 | <b>921,04 €</b> |
| <b>315-180</b> | Sew-T*-100/11-315/180 | <b>934,79 €</b> |
| <b>315-200</b> | Sew-T*-100/11-315/200 | <b>934,79 €</b> |
| <b>315-225</b> | Sew-T*-100/11-315/225 | <b>921,46 €</b> |
| <b>315-250</b> | Sew-T*-100/11-315/250 | <b>921,46 €</b> |
| <b>315-280</b> | Sew-T*-100/11-315/280 | <b>920,21 €</b> |

\* degree (f.e. 30 for degree 30°; 60 for degree 60°)

**SDR17, PN6**

| d-d1           | Code                  | Price Net       |
|----------------|-----------------------|-----------------|
| <b>250-225</b> | Sew-T*-100/17-250/225 | <b>293,54 €</b> |
| <b>280-63</b>  | Sew-T*-100/17-280/063 | <b>667,29 €</b> |
| <b>280-75</b>  | Sew-T*-100/17-280/075 | <b>667,29 €</b> |
| <b>280-90</b>  | Sew-T*-100/17-280/090 | <b>646,67 €</b> |
| <b>280-110</b> | Sew-T*-100/17-280/110 | <b>646,67 €</b> |
| <b>280-125</b> | Sew-T*-100/17-280/125 | <b>646,67 €</b> |
| <b>280-140</b> | Sew-T*-100/17-280/140 | <b>646,67 €</b> |
| <b>280-160</b> | Sew-T*-100/17-280-160 | <b>589,38 €</b> |
| <b>280-180</b> | Sew-T*-100/17-280/180 | <b>644,58 €</b> |
| <b>280-200</b> | Sew-T*-100/17-280/200 | <b>590,83 €</b> |
| <b>280-225</b> | Sew-T*-100/17-280/225 | <b>580,21 €</b> |
| <b>280-250</b> | Sew-T*-100/17-280/250 | <b>581,67 €</b> |
| <b>315-63</b>  | Sew-T*-100/17-315/063 | <b>819,58 €</b> |
| <b>315-75</b>  | Sew-T*-100/17-315/075 | <b>819,58 €</b> |
| <b>315-90</b>  | Sew-T*-100/17-315/090 | <b>816,25 €</b> |
| <b>315-110</b> | Sew-T*-100/17-315/110 | <b>816,25 €</b> |
| <b>315-125</b> | Sew-T*-100/17-315/125 | <b>816,25 €</b> |
| <b>315-140</b> | Sew-T*-100/17-315/140 | <b>816,25 €</b> |
| <b>315-160</b> | Sew-T*-100/17-315-160 | <b>789,17 €</b> |
| <b>315-180</b> | Sew-T*-100/17-315/180 | <b>799,79 €</b> |
| <b>315-200</b> | Sew-T*-100/17-315/200 | <b>799,79 €</b> |
| <b>315-225</b> | Sew-T*-100/17-315/225 | <b>782,29 €</b> |
| <b>315-250</b> | Sew-T*-100/17-315/250 | <b>782,29 €</b> |
| <b>315-280</b> | Sew-T*-100/17-315/280 | <b>782,29 €</b> |

**Offsets and by-passes 45° PE100 SDR 11, SDR 17 H=30cm**

Standard - pressure reduction factor 0,8

**SDR11, PN12,8**

| d          | Code              | Price Net       |
|------------|-------------------|-----------------|
| <b>90</b>  | Sew-UK-100/11-090 | <b>31,25 €</b>  |
| <b>110</b> | Sew-UK-100/11-110 | <b>34,38 €</b>  |
| <b>125</b> | Sew-UK-100/11-125 | <b>45,00 €</b>  |
| <b>140</b> | Sew-UK-100/11-140 | <b>54,58 €</b>  |
| <b>160</b> | Sew-UK-100/11-160 | <b>62,29 €</b>  |
| <b>180</b> | Sew-UK-100/11-180 | <b>86,25 €</b>  |
| <b>200</b> | Sew-UK-100/11-200 | <b>107,71 €</b> |
| <b>225</b> | Sew-UK-100/11-225 | <b>129,58 €</b> |
| <b>250</b> | Sew-UK-100/11-250 | <b>175,00 €</b> |
| <b>280</b> | Sew-UK-100/11-280 | <b>219,58 €</b> |
| <b>315</b> | Sew-UK-100/11-315 | <b>285,00 €</b> |

**SDR17, PN8**

| d          | Code              | Price Net       |
|------------|-------------------|-----------------|
| <b>90</b>  | Sew-UK-100/17-090 | <b>25,21 €</b>  |
| <b>110</b> | Sew-UK-100/17-110 | <b>32,50 €</b>  |
| <b>125</b> | Sew-UK-100/17-125 | <b>39,38 €</b>  |
| <b>140</b> | Sew-UK-100/17-140 | <b>46,67 €</b>  |
| <b>160</b> | Sew-UK-100/17-160 | <b>55,21 €</b>  |
| <b>180</b> | Sew-UK-100/17-180 | <b>75,83 €</b>  |
| <b>200</b> | Sew-UK-100/17-200 | <b>95,83 €</b>  |
| <b>225</b> | Sew-UK-100/17-225 | <b>112,08 €</b> |
| <b>250</b> | Sew-UK-100/17-250 | <b>146,46 €</b> |
| <b>280</b> | Sew-UK-100/17-280 | <b>185,83 €</b> |
| <b>315</b> | Sew-UK-100/17-315 | <b>225,00 €</b> |



WATER

SEWERS

**Segmented wyes tee 45° with elbow 60° reduced PE100 SDR 11,SDR 17**

Standard - pressure reduction factor 0,8

**SDR11, PN12,8**

| d-d1           | Code                  | Price Net       |
|----------------|-----------------------|-----------------|
| <b>110-90</b>  | Sew-TŁ-100/11-110/090 | <b>93,75 €</b>  |
| <b>125-90</b>  | Sew-TŁ-100/11-125/090 | <b>108,54 €</b> |
| <b>125-110</b> | Sew-TŁ-100/11-125/110 | <b>113,75 €</b> |
| <b>160-90</b>  | Sew-TŁ-100/11-160/090 | <b>138,75 €</b> |
| <b>160-110</b> | Sew-TŁ-100/11-160/110 | <b>142,50 €</b> |
| <b>180-90</b>  | Sew-TŁ-100/11-180/090 | <b>204,79 €</b> |
| <b>180-110</b> | Sew-TŁ-100/11-180/110 | <b>209,17 €</b> |
| <b>200-90</b>  | Sew-TŁ-100/11-200/090 | <b>283,96 €</b> |
| <b>200-110</b> | Sew-TŁ-100/11-200/110 | <b>287,08 €</b> |
| <b>200-125</b> | Sew-TŁ-100/11-200/125 | <b>294,38 €</b> |
| <b>200-160</b> | Sew-TŁ-100/11-200/160 | <b>296,67 €</b> |
| <b>225-90</b>  | Sew-TŁ-100/11-225/090 | <b>353,75 €</b> |
| <b>225-110</b> | Sew-TŁ-100/11-225/110 | <b>357,71 €</b> |
| <b>225-125</b> | Sew-TŁ-100/11-225/125 | <b>433,33 €</b> |
| <b>225-160</b> | Sew-TŁ-100/11-225/160 | <b>403,75 €</b> |
| <b>250-90</b>  | Sew-TŁ-100/11-250/090 | <b>407,08 €</b> |
| <b>250-110</b> | Sew-TŁ-100/11-250/110 | <b>412,71 €</b> |
| <b>250-125</b> | Sew-TŁ-100/11-250/125 | <b>433,33 €</b> |
| <b>250-160</b> | Sew-TŁ-100/11-250/160 | <b>403,75 €</b> |

**SDR17, PN8**

| d-d1           | Code                  | Price Net       |
|----------------|-----------------------|-----------------|
| <b>110-90</b>  | Sew-TŁ-100/17-110/090 | <b>89,58 €</b>  |
| <b>125-90</b>  | Sew-TŁ-100/17-125/090 | <b>102,08 €</b> |
| <b>125-110</b> | Sew-TŁ-100/17-125/110 | <b>108,33 €</b> |
| <b>160-90</b>  | Sew-TŁ-100/17-160/090 | <b>134,38 €</b> |
| <b>160-110</b> | Sew-TŁ-100/17-160/110 | <b>138,75 €</b> |
| <b>180-90</b>  | Sew-TŁ-100/17-180/090 | <b>188,54 €</b> |
| <b>180-110</b> | Sew-TŁ-100/17-180/110 | <b>193,33 €</b> |
| <b>200-90</b>  | Sew-TŁ-100/17-200/090 | <b>258,96 €</b> |
| <b>200-110</b> | Sew-TŁ-100/17-200/110 | <b>272,71 €</b> |
| <b>200-125</b> | Sew-TŁ-100/17-200/125 | <b>278,75 €</b> |
| <b>200-160</b> | Sew-TŁ-100/17-200/160 | <b>254,58 €</b> |
| <b>225-90</b>  | Sew-TŁ-100/17-225/090 | <b>286,67 €</b> |
| <b>225-110</b> | Sew-TŁ-100/17-225/110 | <b>290,63 €</b> |
| <b>225-125</b> | Sew-TŁ-100/17-225/125 | <b>311,46 €</b> |
| <b>225-160</b> | Sew-TŁ-100/17-225/160 | <b>296,67 €</b> |
| <b>250-90</b>  | Sew-TŁ-100/17-250/090 | <b>342,08 €</b> |
| <b>250-110</b> | Sew-TŁ-100/17-250/110 | <b>347,08 €</b> |
| <b>250-125</b> | Sew-TŁ-100/17-250/125 | <b>380,00 €</b> |
| <b>250-160</b> | Sew-TŁ-100/17-250/160 | <b>344,58 €</b> |

**Segmented Y tee PE100 SDR 11,SDR 17**

Standard - pressure reduction factor 0,6

**SDR11, PN9,6**

| d          | Code              | Price Net         |
|------------|-------------------|-------------------|
| <b>90</b>  | Sew-TY-100/11-090 | <b>32,29 €</b>    |
| <b>110</b> | Sew-TY-100/11-110 | <b>38,96 €</b>    |
| <b>125</b> | Sew-TY-100/11-125 | <b>50,63 €</b>    |
| <b>140</b> | Sew-TY-100/11-140 | <b>59,79 €</b>    |
| <b>160</b> | Sew-TY-100/11-160 | <b>75,42 €</b>    |
| <b>180</b> | Sew-TY-100/11-180 | <b>97,29 €</b>    |
| <b>200</b> | Sew-TY-100/11-200 | <b>119,17 €</b>   |
| <b>225</b> | Sew-TY-100/11-225 | <b>147,92 €</b>   |
| <b>250</b> | Sew-TY-100/11-250 | <b>222,08 €</b>   |
| <b>280</b> | Sew-TY-100/11-280 | <b>277,50 €</b>   |
| <b>315</b> | Sew-TY-100/11-315 | <b>314,38 €</b>   |
| <b>355</b> | Sew-TY-100/11-355 | <b>595,83 €</b>   |
| <b>400</b> | Sew-TY-100/11-400 | <b>770,63 €</b>   |
| <b>450</b> | Sew-TY-100/11-450 | <b>1 464,38 €</b> |
| <b>500</b> | Sew-TY-100/11-500 | <b>2 642,50 €</b> |
| <b>560</b> | Sew-TY-100/11-560 | <b>3 623,33 €</b> |
| <b>630</b> | Sew-TY-100/11-630 | <b>4 667,50 €</b> |

**SDR17, PN6**

| d          | Code              | Price Net         |
|------------|-------------------|-------------------|
| <b>90</b>  | Sew-TY-100/17-090 | <b>24,58 €</b>    |
| <b>110</b> | Sew-TY-100/17-110 | <b>33,75 €</b>    |
| <b>125</b> | Sew-TY-100/17-125 | <b>42,50 €</b>    |
| <b>140</b> | Sew-TY-100/17-140 | <b>50,00 €</b>    |
| <b>160</b> | Sew-TY-100/17-160 | <b>61,25 €</b>    |
| <b>180</b> | Sew-TY-100/17-180 | <b>76,04 €</b>    |
| <b>200</b> | Sew-TY-100/17-200 | <b>93,75 €</b>    |
| <b>225</b> | Sew-TY-100/17-225 | <b>115,42 €</b>   |
| <b>250</b> | Sew-TY-100/17-250 | <b>166,46 €</b>   |
| <b>280</b> | Sew-TY-100/17-280 | <b>206,04 €</b>   |
| <b>315</b> | Sew-TY-100/17-315 | <b>284,58 €</b>   |
| <b>355</b> | Sew-TY-100/17-355 | <b>411,46 €</b>   |
| <b>400</b> | Sew-TY-100/17-400 | <b>537,08 €</b>   |
| <b>450</b> | Sew-TY-100/17-450 | <b>925,21 €</b>   |
| <b>500</b> | Sew-TY-100/17-500 | <b>1 198,33 €</b> |
| <b>560</b> | Sew-TY-100/17-560 | <b>1 614,38 €</b> |
| <b>630</b> | Sew-TY-100/17-630 | <b>2 203,13 €</b> |



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## Electrofusion coupler PE100 SDR11



| d    | Code         | Price Net  |
|------|--------------|------------|
| 20   | GF-753911606 | 3,25 €     |
| 25   | GF-753911607 | 3,73 €     |
| 32   | GF-753911608 | 4,00 €     |
| 40   | GF-753911609 | 4,21 €     |
| 50   | GF-753911610 | 6,54 €     |
| 63   | GF-753911611 | 6,81 €     |
| 75   | GF-753911612 | 9,58 €     |
| 90   | GF-753911613 | 12,77 €    |
| 110  | GF-753911614 | 15,63 €    |
| 125  | GF-753911615 | 21,42 €    |
| 140  | GF-753911616 | 24,63 €    |
| 160  | GF-753911617 | 28,48 €    |
| 180  | GF-753911618 | 42,71 €    |
| 200  | GF-753911619 | 49,58 €    |
| 225  | GF-753911620 | 60,83 €    |
| 250  | GF-753911621 | 85,63 €    |
| 280  | GF-753911622 | 121,04 €   |
| 315  | GF-753911623 | 138,75 €   |
| 355  | GF-753911704 | 223,33 €   |
| 400  | GF-753911705 | 274,38 €   |
| 450  | GF-753911706 | 567,29 €   |
| 500  | GF-753911707 | 701,46 €   |
| 560  | GF-753911708 | 1 600,00 € |
| 630  | GF-753911709 | 2 452,29 € |
| 710  | GF-753911710 | 3 268,75 € |
| 800  | GF-753911711 | 4 689,79 € |
| 900* | GF-753911652 | on request |

\* without GAS certyficate



| d    | Code       | Price Net |
|------|------------|-----------|
| 20   |            |           |
| 25   |            |           |
| 32   | PLA-MP032C | 3,60 €    |
| 40   | PLA-MP040C | 3,79 €    |
| 50   | PLA-MP050C | 5,88 €    |
| 63   | PLA-MP063C | 6,17 €    |
| 75   | PLA-MP075C | 8,65 €    |
| 90   | PLA-MP090C | 11,52 €   |
| 110  | PLA-MP110C | 14,10 €   |
| 125  | PLA-MP125C | 19,25 €   |
| 140  | PLA-MP140C | 23,29 €   |
| 160  | PLA-MP160C | 25,52 €   |
| 180  | PLA-MP180C | 38,33 €   |
| 200  | PLA-MP200C | 44,79 €   |
| 225  | PLA-MP225C | 54,79 €   |
| 250  | PLA-MP250C | 77,50 €   |
| 280  | PLA-MP280C | 108,96 €  |
| 315  | PLA-MP315C | 124,79 €  |
| 355  | PLA-MP355C | 221,88 €  |
| 400  |            |           |
| 450  |            |           |
| 500  |            |           |
| 560  |            |           |
| 630  |            |           |
| 710  |            |           |
| 800  |            |           |
| 900* |            |           |



## Electrofusion coupler PE100 SDR17



| d     | Code         | Price Net  |
|-------|--------------|------------|
| 160   | GF-753911817 | 23,33 €    |
| 180   | GF-753911818 | 35,21 €    |
| 200   | GF-753911819 | 40,42 €    |
| 225   | GF-753911820 | 50,00 €    |
| 250   | GF-753911821 | 70,21 €    |
| 280   | GF-753911822 | 99,38 €    |
| 315   | GF-753911823 | 113,75 €   |
| 355   | GF-753911804 | 214,38 €   |
| 400   | GF-753911805 | 263,13 €   |
| 450   | GF-753911806 | 398,96 €   |
| 500   | GF-753911807 | 428,54 €   |
| 560   | GF-753911808 | 1 261,04 € |
| 630   | GF-753911809 | 1 591,67 € |
| 710   | GF-753911810 | 2 212,50 € |
| 800   | GF-753911811 | 2 976,04 € |
| 900*  | GF-753911852 | on request |
| 1000* | GF-753911853 | on request |

\* without GAS certyficate



| d     | Code       | Price Net |
|-------|------------|-----------|
| 160   | PLA-MP160B | 21,25 €   |
| 180   | PLA-MP180B | 31,88 €   |
| 200   | PLA-MP200B | 36,46 €   |
| 225   | PLA-MP225B | 45,42 €   |
| 250   | PLA-MP250B | 63,13 €   |
| 280   | PLA-MP280B | 89,38 €   |
| 315   | PLA-MP315B | 102,08 €  |
| 355   | PLA-MP355B | 181,67 €  |
| 400   | PLA-MP400B | 231,46 €  |
| 450   | PLA-MP450B | 350,00 €  |
| 500   | PLA-MP500B | 392,08 €  |
| 560   | PLA-MP560B | 758,96 €  |
| 630   | PLA-MP630B | 958,13 €  |
| 710   |            |           |
| 800   |            |           |
| 900*  |            |           |
| 1000* |            |           |



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## Electrofusion elbow 90° PE100 SDR11



| d   | Code         | Price Net |
|-----|--------------|-----------|
| 20  | GF-753101606 | 10,88 €   |
| 25  | GF-753101607 | 10,88 €   |
| 32  | GF-753101608 | 11,48 €   |
| 40  | GF-753101609 | 13,73 €   |
| 50  | GF-753101610 | 17,19 €   |
| 63  | GF-753101611 | 19,44 €   |
| 75  | GF-753101612 | 28,04 €   |
| 90  | GF-753101813 | 34,77 €   |
| 110 | GF-753101814 | 50,00 €   |
| 125 | GF-753101815 | 68,96 €   |
| 140 | GF-753101816 | 95,00 €   |
| 160 | GF-753101817 | 137,08 €  |
| 180 | GF-753101818 | 171,88 €  |
| 200 | GF-753101819 | 411,67 €  |
| 225 | GF-753101820 | 507,71 €  |
| 250 | GF-753101821 | 660,00 €  |
| 315 |              |           |



| d   | Code         | Price Net |
|-----|--------------|-----------|
| 20  |              |           |
| 25  |              |           |
| 32  | PLA-GE9P032C | 10,69 €   |
| 40  | PLA-GE9P040C | 12,38 €   |
| 50  | PLA-GE9P050C | 15,42 €   |
| 63  | PLA-GE9P063C | 17,48 €   |
| 75  | PLA-GE9P075C | 25,21 €   |
| 90  | PLA-GE9P090C | 27,88 €   |
| 110 | PLA-GE9P110C | 40,42 €   |
| 125 | PLA-GE9P125C | 55,42 €   |
| 140 | PLA-GE9P140C | 86,88 €   |
| 160 | PLA-GE9P160C | 97,71 €   |
| 180 | PLA-GE9P180C | 130,00 €  |
| 200 | PLA-GE9P200C | 298,13 €  |
| 225 | PLA-GE9P225C | 378,75 €  |
| 250 | PLA-GE9P250C | 514,79 €  |
| 315 | PLA-GE9P315C | 666,88 €  |



## Electrofusion elbow 45° PE100 SDR11



| d   | Code         | Price Net |
|-----|--------------|-----------|
| 32  | GF-753151608 | 11,48 €   |
| 40  | GF-753151609 | 13,44 €   |
| 50  | GF-753151610 | 17,19 €   |
| 63  | GF-753151611 | 19,44 €   |
| 75  | GF-753151612 | 28,04 €   |
| 90  | GF-753151813 | 34,77 €   |
| 110 | GF-753151814 | 50,00 €   |
| 125 | GF-753151815 | 68,96 €   |
| 140 | GF-753151816 | 95,00 €   |
| 160 | GF-753151817 | 137,08 €  |
| 180 | GF-753151818 | 171,88 €  |
| 200 | GF-753151819 | 411,67 €  |
| 225 | GF-753151820 | 507,71 €  |
| 250 | GF-753151821 | 660,00 €  |
| 315 |              |           |



| d   | Code         | Price Net |
|-----|--------------|-----------|
| 32  | PLA-GE4P032C | 10,69 €   |
| 40  | PLA-GE4P040C | 12,38 €   |
| 50  | PLA-GE4P050C | 15,42 €   |
| 63  | PLA-GE4P063C | 17,48 €   |
| 75  | PLA-GE4P075C | 25,21 €   |
| 90  | PLA-GE4P090C | 27,88 €   |
| 110 | PLA-GE4P110C | 40,42 €   |
| 125 | PLA-GE4P125C | 55,42 €   |
| 140 | PLA-GE4P140C | 86,88 €   |
| 160 | PLA-GE4P160C | 97,71 €   |
| 180 | PLA-GE4P180C | 130,00 €  |
| 200 | PLA-GE4P200C | 298,13 €  |
| 225 | PLA-GE4P225C | 378,75 €  |
| 250 | PLA-GE4P250C | 514,79 €  |
| 315 | PLA-GE4P315C | 666,88 €  |



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## Electrofusion tee 90° PE100 SDR11



| d   | Code         | Price Net |
|-----|--------------|-----------|
| 20  | GF-753211606 | 11,88 €   |
| 25  | GF-753211607 | 11,88 €   |
| 32  | GF-753211608 | 11,88 €   |
| 40  | GF-753211609 | 13,75 €   |
| 50  | GF-753211610 | 17,29 €   |
| 63  | GF-753211611 | 20,00 €   |
| 75  | GF-753211612 | 26,25 €   |
| 90  | GF-753211813 | 32,50 €   |
| 110 | GF-753211814 | 50,83 €   |
| 125 | GF-753211815 | 66,67 €   |
| 140 | GF-753211816 | 84,17 €   |
| 160 | GF-753211817 | 120,00 €  |
| 180 | GF-753201818 | 182,50 €  |
| 200 | GF-753201819 | 411,67 €  |
| 225 | GF-753201820 | 531,88 €  |
| 250 | GF-753201821 | 666,25 €  |
| 315 |              |           |



| d   | Code        | Price Net |
|-----|-------------|-----------|
| 20  |             |           |
| 25  |             |           |
| 32  | PLA-TEP032C | 10,63 €   |
| 40  | PLA-TEP040C | 12,50 €   |
| 50  | PLA-TEP050C | 15,83 €   |
| 63  | PLA-TEP063C | 18,54 €   |
| 75  | PLA-TEP075C | 23,75 €   |
| 90  | PLA-TEP090C | 30,42 €   |
| 110 | PLA-TEP110C | 46,04 €   |
| 125 | PLA-TEP125C | 59,79 €   |
| 140 |             |           |
| 160 | PLA-TEP160C | 102,92 €  |
| 180 | PLA-TEP180C | 147,29 €  |
| 200 | PLA-TEP200C | 315,63 €  |
| 225 | PLA-TEP225C | 406,25 €  |
| 250 | PLA-TEP250C | 506,46 €  |
| 315 | PLA-TEP315C | 791,67 €  |



## Electrofusion reducer PE100 SDR11



| d-d1    | Code         | Price Net |
|---------|--------------|-----------|
| 25-20   | GF-753901639 | 7,92 €    |
| 32-20   | GF-753901640 | 7,92 €    |
| 32-25   | GF-753901641 | 7,92 €    |
| 40-20   | GF-753901644 | 10,42 €   |
| 40-25   | GF-753901645 | 10,42 €   |
| 40-32   | GF-753901646 | 10,42 €   |
| 50-32   | GF-753901651 | 12,50 €   |
| 50-40   | GF-753901652 | 13,96 €   |
| 63-32   | GF-753901656 | 15,63 €   |
| 63-40   | GF-753901657 | 15,63 €   |
| 63-50   | GF-753901658 | 15,63 €   |
| 75-63   |              |           |
| 90-63   | GF-753901831 | 26,46 €   |
| 90-75   |              |           |
| 110-63  | GF-753901832 | 39,58 €   |
| 110-75  |              |           |
| 110-90  | GF-753901833 | 39,58 €   |
| 125-90  | GF-753901836 | 50,21 €   |
| 125-110 |              |           |
| 140-90  |              |           |
| 160-90  | GF-753901839 | 55,00 €   |
| 160-110 | GF-753901864 | 55,00 €   |
| 160-125 |              |           |
| 180-125 | GF-753901865 | 81,67 €   |
| 180-160 |              |           |
| 200-160 | GF-753901837 | 342,92 €  |
| 225-160 | GF-753901838 | 421,46 €  |
| 250-160 | GF-753901840 | 509,58 €  |
| 250-200 | GF-753901841 | 509,58 €  |



| d-d1    | Code           | Price Net |
|---------|----------------|-----------|
| 25-20   |                |           |
| 32-20   |                |           |
| 32-25   |                |           |
| 40-20   |                |           |
| 40-25   | PLA-REP040025C | 10,42 €   |
| 40-32   | PLA-REP040032C | 9,17 €    |
| 50-32   | PLA-REP050032C | 11,25 €   |
| 50-40   | PLA-REP050040C | 12,29 €   |
| 63-32   | PLA-REP063032C | 13,75 €   |
| 63-40   | PLA-REP063040C | 13,75 €   |
| 63-50   | PLA-REP063050C | 13,75 €   |
| 75-63   | PLA-REP075063C | 17,50 €   |
| 90-63   | PLA-REP090063C | 23,54 €   |
| 90-75   | PLA-REP090075C | 23,54 €   |
| 110-63  |                |           |
| 110-75  | PLA-REP110075C | 35,63 €   |
| 110-90  | PLA-REP110090C | 35,63 €   |
| 125-90  |                |           |
| 125-110 | PLA-REP125110C | 44,79 €   |
| 140-90  | PLA-REP140090C | 46,25 €   |
| 160-90  |                |           |
| 160-110 | PLA-REP160110C | 48,75 €   |
| 160-125 | PLA-REP160125C | 48,75 €   |
| 180-125 | PLA-REP180125C | 72,92 €   |
| 180-160 | PLA-REP180160C | 72,92 €   |
| 200-160 | PLA-REP200160C | 206,25 €  |
| 225-160 | PLA-REP225160C | 253,54 €  |
| 250-160 |                |           |
| 250-200 |                |           |



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## Taping Tee Monobloc PE100 SDR11

**+GF+**

| d-d1         | Code         | Price Net      |
|--------------|--------------|----------------|
| <b>32-20</b> | GF-193281459 | <b>23,54 €</b> |
| <b>40-20</b> | GF-193131412 | <b>45,63 €</b> |
| <b>40-25</b> | GF-193131413 | <b>45,63 €</b> |
| <b>40-32</b> | GF-193131414 | <b>45,63 €</b> |
| <b>50-20</b> | GF-193131422 | <b>50,00 €</b> |
| <b>50-25</b> | GF-193131423 | <b>50,00 €</b> |
| <b>50-32</b> | GF-193131424 | <b>50,00 €</b> |



## Electrofusion saddle PE100 SDR11

**+GF+**

| d-d1               | Code         | Price Net       |
|--------------------|--------------|-----------------|
| <b>63-63</b>       | GF-193137037 | <b>20,24 €</b>  |
| <b>75-63</b>       | GF-193137047 | <b>22,90 €</b>  |
| <b>90-63</b>       | GF-193137057 | <b>23,17 €</b>  |
| <b>110-63</b>      | GF-193137067 | <b>27,43 €</b>  |
| <b>125-63</b>      | GF-193137077 | <b>33,29 €</b>  |
| <b>140-63</b>      | GF-193137087 | <b>47,67 €</b>  |
| <b>160-63</b>      | GF-193137097 | <b>53,53 €</b>  |
| <b>180-63</b>      | GF-193137107 | <b>58,06 €</b>  |
| <b>200-63</b>      | GF-193137117 | <b>71,37 €</b>  |
| <b>225-63</b>      | GF-193137127 | <b>76,70 €</b>  |
| <b>250-63</b>      | GF-193131137 | <b>114,25 €</b> |
| <b>280-63*</b>     | GF-193131147 | <b>114,25 €</b> |
| <b>315/355-63*</b> | GF-193131157 | <b>118,24 €</b> |
| <b>400-63*</b>     | GF-193131177 | <b>118,24 €</b> |

\* Clamp without lower mounting part



## Taping tee PE100 SDR11

**+GF+**

| d-d1          | Code         | Price Net      |
|---------------|--------------|----------------|
| <b>63-20</b>  | GF-193280358 | <b>19,08 €</b> |
| <b>63-25</b>  | GF-193280359 | <b>19,08 €</b> |
| <b>63-32</b>  | GF-193280184 | <b>19,08 €</b> |
| <b>63-40</b>  | GF-193280360 | <b>22,31 €</b> |
| <b>63-63</b>  | GF-193280185 | <b>22,31 €</b> |
| <b>63-63*</b> | GF-193280711 | <b>22,31 €</b> |

\* With Saddle ELGEF Plus DN 250+315 SDR 11 and DN 250+400 SDR 17



## Tapping valve PE100 SDR11

**+GF+**

| d-d1         | Code         | Price Net       |
|--------------|--------------|-----------------|
| <b>63-32</b> | GF-193281605 | <b>146,19 €</b> |
| <b>63-63</b> | GF-193281606 | <b>146,19 €</b> |



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## Electrofusion cap PE100 SDR11



| d  | Code         | Price Net |
|----|--------------|-----------|
| 20 | GF-753961606 | 7,71 €    |
| 25 | GF-753961607 | 8,13 €    |
| 32 | GF-753961608 | 9,38 €    |
| 40 | GF-753961609 | 10,21 €   |
| 50 | GF-753961610 | 15,83 €   |
| 63 | GF-753961611 | 17,08 €   |



## Electrofusion cap PE100 SDR11 SET



| d   | Code         | Price Net |
|-----|--------------|-----------|
| 75  | GF-753961712 | 27,71 €   |
| 90  | GF-753961713 | 36,25 €   |
| 110 | GF-753961714 | 46,67 €   |
| 125 | GF-753961715 | 56,67 €   |
| 140 | GF-753961716 | 71,25 €   |
| 160 | GF-753961717 | 81,04 €   |
| 180 | GF-753961718 | 100,21 €  |
| 200 | GF-753961719 | 128,96 €  |
| 225 | GF-753961720 | 156,88 €  |



## Saddle SATURN PE100 SDR11



| d-d1     | Code         | Price Net |
|----------|--------------|-----------|
| 110-90   | GF-193135009 | 175,00 €  |
| 110-110  | GF-193135010 | 182,92 €  |
| 125-90   | GF-193135019 | 213,96 €  |
| 125-110  | GF-193135020 | 222,08 €  |
| 140-90*  | GF-193135029 | 239,17 €  |
| 140-110* | GF-193135030 | 247,50 €  |
| 160-90   | GF-193135039 | 239,17 €  |
| 160-110  | GF-193135040 | 247,50 €  |
| 160-125  | GF-193135041 | 255,21 €  |
| 180-90   | GF-193135049 | 249,38 €  |
| 180-110  | GF-193135050 | 257,92 €  |
| 180-125  | GF-193135051 | 266,04 €  |
| 200-90   | GF-193135059 | 257,71 €  |
| 200-110  | GF-193135060 | 265,42 €  |
| 200-125  | GF-193135061 | 273,13 €  |
| 225-90   | GF-193135069 | 268,54 €  |
| 225-110  | GF-193135070 | 278,75 €  |
| 225-125  | GF-193135071 | 287,50 €  |
| 250-90   | GF-193135079 | 285,42 €  |
| 250-110  | GF-193135080 | 295,00 €  |
| 250-125  | GF-193135081 | 304,79 €  |

\* Clamp without lower mounting part



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## Saddle TOPLOAD PE100 SDR11



| d-d1               | Code         | Price Net       |
|--------------------|--------------|-----------------|
| <b>280-90</b>      | GF-193135289 | <b>424,38 €</b> |
| <b>280-110</b>     | GF-193135290 | <b>424,38 €</b> |
| <b>280-125</b>     | GF-193135291 | <b>424,38 €</b> |
| <b>315/355-90</b>  | GF-193135309 | <b>463,13 €</b> |
| <b>315/355-110</b> | GF-193135310 | <b>463,13 €</b> |
| <b>315/355-125</b> | GF-193135311 | <b>463,13 €</b> |
| <b>400-90</b>      | GF-193135329 | <b>463,13 €</b> |
| <b>400-110</b>     | GF-193135330 | <b>463,13 €</b> |
| <b>400-125</b>     | GF-193135331 | <b>463,13 €</b> |
| <b>450-90</b>      | GF-193135339 | <b>463,13 €</b> |
| <b>450-110</b>     | GF-193135340 | <b>463,13 €</b> |
| <b>450-125</b>     | GF-193135341 | <b>463,13 €</b> |
| <b>500/630-90</b>  | GF-193135159 | <b>540,42 €</b> |
| <b>500/630-110</b> | GF-193135160 | <b>540,42 €</b> |
| <b>500/630-125</b> | GF-193135161 | <b>540,42 €</b> |



## Saddle TOPLOAD PE100 SDR11



| d-d1            | Code         | Price Net         |
|-----------------|--------------|-------------------|
| <b>315-160</b>  | GF-193135202 | <b>1 232,50 €</b> |
| <b>315-225</b>  | GF-193135204 | <b>1 418,13 €</b> |
| <b>355-160</b>  | GF-193135212 | <b>1 477,92 €</b> |
| <b>355-225</b>  | GF-193135214 | <b>1 700,42 €</b> |
| <b>400-160</b>  | GF-193135222 | <b>1 600,83 €</b> |
| <b>400-225</b>  | GF-193135224 | <b>1 843,33 €</b> |
| <b>450-160</b>  | GF-193135232 | <b>1 726,25 €</b> |
| <b>450-225</b>  | GF-193135234 | <b>1 983,13 €</b> |
| <b>500-160</b>  | GF-193135242 | <b>1 848,96 €</b> |
| <b>500-225</b>  | GF-193135244 | <b>2 125,83 €</b> |
| <b>560-160</b>  | GF-193135252 | <b>1 971,67 €</b> |
| <b>560-225</b>  | GF-193135254 | <b>2 268,33 €</b> |
| <b>630-160</b>  | GF-193135262 | <b>2 094,17 €</b> |
| <b>630-225</b>  | GF-193135264 | <b>2 408,13 €</b> |
| <b>710-160</b>  | GF-193135272 | <b>2 402,29 €</b> |
| <b>710-225</b>  | GF-193135274 | <b>2 761,88 €</b> |
| <b>800-160</b>  | GF-193135282 | <b>2 773,33 €</b> |
| <b>800-225</b>  | GF-193135284 | <b>3 187,29 €</b> |
| <b>900-225</b>  | GF-193135294 | <b>3 389,38 €</b> |
| <b>1000-225</b> | GF-193135304 | <b>4 003,13 €</b> |



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## Saddle TOPLOAD PE100 SDR11



| d-d1            | Code         | Price Net         |
|-----------------|--------------|-------------------|
| <b>500-315</b>  | GF-193135446 | <b>on request</b> |
| <b>560-315</b>  | GF-193135456 | <b>on request</b> |
| <b>630-315</b>  | GF-193135466 | <b>on request</b> |
| <b>710-315</b>  | GF-193135476 | <b>on request</b> |
| <b>800-315</b>  | GF-193135486 | <b>on request</b> |
| <b>900-315</b>  | GF-193135496 | <b>on request</b> |
| <b>1000-315</b> | GF-193135506 | <b>on request</b> |



## Saddle TOPLOAD PE100 SDR11



| d-d1            | Code         | Price Net         |
|-----------------|--------------|-------------------|
| <b>710-315</b>  | GF-193135676 | <b>on request</b> |
| <b>800-315</b>  | GF-193135686 | <b>on request</b> |
| <b>900-315</b>  | GF-193135696 | <b>on request</b> |
| <b>1000-315</b> | GF-193135706 | <b>on request</b> |
| <b>1200-315</b> | GF-193135716 | <b>on request</b> |
| <b>1400-315</b> | GF-193135726 | <b>on request</b> |
| <b>1600-315</b> | GF-193135736 | <b>on request</b> |
| <b>2000-315</b> | GF-193135746 | <b>on request</b> |



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## Transition fitting MALE PE100 SDR11

**+GF+**

| d-R       | Code         | Price Net |
|-----------|--------------|-----------|
| 20-1/2"   | GF-720920706 | 24,79 €   |
| 25-3/4"   | GF-720920707 | 24,79 €   |
| 32-1"     | GF-720920708 | 24,79 €   |
| 32-1 1/4" | GF-720920718 | 36,88 €   |
| 32-1 1/2" | GF-720920728 | 51,67 €   |
| 40-1"     | GF-720920719 | 38,33 €   |
| 40-1 1/4" | GF-720920709 | 29,17 €   |
| 40-1 1/2" | GF-720920729 | 38,33 €   |
| 50-1"     | GF-720920720 | 39,58 €   |
| 50-1 1/4" | GF-720920730 | 39,58 €   |
| 50-1 1/2" | GF-720920710 | 38,33 €   |
| 63-1 1/4" | GF-720920721 | 51,67 €   |
| 63-1 1/2" | GF-720920731 | 51,67 €   |
| 63-2"     | GF-720920711 | 44,79 €   |
| 75-2 1/2" |              |           |
| 90-3"     |              |           |
| 110-4"    |              |           |

**PLASTITALIA**

| d-R       | Code          | Price Net |
|-----------|---------------|-----------|
| 20-1/2"   |               |           |
| 25-3/4"   | PLA-RTOMP025C | 17,29 €   |
| 32-1"     | PLA-RTOMP032C | 20,42 €   |
| 32-1 1/4" |               |           |
| 32-1 1/2" |               |           |
| 40-1"     |               |           |
| 40-1 1/4" | PLA-RTOMP040C | 25,00 €   |
| 40-1 1/2" |               |           |
| 50-1"     |               |           |
| 50-1 1/4" |               |           |
| 50-1 1/2" | PLA-RTOMP050C | 32,92 €   |
| 63-1 1/4" |               |           |
| 63-1 1/2" |               |           |
| 63-2"     | PLA-RTOMP063C | 42,50 €   |
| 75-2 1/2" | PLA-RTOMP075C | 86,88 €   |
| 90-3"     | PLA-RTOMP090C | 122,71 €  |
| 110-4"    | PLA-RTOMP110C | 161,04 €  |



## Transition fitting FEMALE PE100 SDR11

**+GF+**

| d-Rp      | Code         | Price Net |
|-----------|--------------|-----------|
| 25-3/4"   |              |           |
| 32-1"     | GF-720920208 | 31,46 €   |
| 40-1 1/4" | GF-720920209 | 36,04 €   |
| 50-1 1/2" | GF-720920210 | 37,29 €   |
| 63-1"     | GF-720920221 | 56,04 €   |
| 63-1 1/4" | GF-720920231 | 56,04 €   |
| 63-1 1/2" | GF-720920241 | 56,04 €   |
| 63-2"     | GF-720920211 | 49,17 €   |
| 75-2 1/2" |              |           |
| 90-3"     |              |           |

**PLASTITALIA**

| d-R       | Code          | Price Net |
|-----------|---------------|-----------|
| 25-3/4"   | PLA-RTOFP025C | 16,88 €   |
| 32-1"     | PLA-RTOFP032C | 23,13 €   |
| 40-1 1/4" | PLA-RTOFP040C | 28,33 €   |
| 50-1 1/2" | PLA-RTOFP050C | 36,46 €   |
| 63-1"     |               |           |
| 63-1 1/4" |               |           |
| 63-1 1/2" |               |           |
| 63-2"     | PLA-RTOFP063C | 41,88 €   |
| 75-2 1/2" | PLA-RTOFP075C | 71,04 €   |
| 90-3"     | PLA-RTOFP090C | 92,08 €   |



## Stop-off adaptor PE100 SDR11

**+GF+**

| d-Rp    | Code         | Price Net |
|---------|--------------|-----------|
| 63-6/4" | GF-193280294 | 73,96 €   |



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## PE Ball Valve PE100 SDR11



| d   | Code         | Price Net  |
|-----|--------------|------------|
| 20  | GF-193100206 | 92,71 €    |
| 25  | GF-193100207 | 92,71 €    |
| 32  | GF-193100208 | 92,71 €    |
| 40  | GF-193100209 | 92,71 €    |
| 50  | GF-193100210 | 156,88 €   |
| 63  | GF-193100211 | 156,88 €   |
| 75  | GF-193100212 | 276,04 €   |
| 90  | GF-193100213 | 260,63 €   |
| 110 | GF-193100214 | 341,04 €   |
| 125 | GF-193100040 | 330,83 €   |
| 160 | GF-193100042 | 825,83 €   |
| 180 | GF-193100043 | 965,63 €   |
| 200 | GF-193100044 | 965,63 €   |
| 225 | GF-193100045 | 2 748,33 € |



## PE Ball Valve full bore



| d   | Code         | Price Net  |
|-----|--------------|------------|
| 110 | GF-193104039 | on request |
| 160 | GF-193104042 | on request |



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## Injection elbow long 90° PE100 SDR11

**+GF+**

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| d   | Code         | Price Net |
|-----|--------------|-----------|
| 20  | GF-753101006 | 2,92 €    |
| 25  | GF-753101007 | 3,33 €    |
| 32  | GF-753101008 | 3,33 €    |
| 40  | GF-753101009 | 4,17 €    |
| 50  | GF-753101010 | 5,83 €    |
| 63  | GF-753101011 | 10,00 €   |
| 75  | GF-753101012 | 13,33 €   |
| 90  | GF-753101013 | 16,04 €   |
| 110 | GF-753101014 | 27,71 €   |
| 125 | GF-753101015 | 37,29 €   |
| 140 | GF-753101016 | 41,25 €   |
| 160 | GF-753101017 | 54,58 €   |
| 180 | GF-753101018 | 60,00 €   |
| 200 | GF-753101019 | 83,96 €   |
| 225 | GF-753101020 | 100,42 €  |
| 250 | GF-753101001 | 167,29 €  |
| 280 | GF-753100922 | 280,83 €  |
| 315 | GF-753100923 | 397,50 €  |
| 355 |              |           |
| 400 |              |           |
| 450 |              |           |
| 500 |              |           |
| 560 |              |           |
| 630 |              |           |

**TURAN BORFIT**

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| d   | Code            | Price Net  |
|-----|-----------------|------------|
| 20  |                 |            |
| 25  |                 |            |
| 32  |                 |            |
| 40  |                 |            |
| 50  |                 |            |
| 63  | BOR-K/11-63/90  | 5,00 €     |
| 75  | BOR-K/11-75/90  | 8,33 €     |
| 90  | BOR-K/11-90/90  | 11,46 €    |
| 110 | BOR-K/11-110/90 | 18,75 €    |
| 125 | BOR-K/11-125/90 | 26,46 €    |
| 140 | BOR-K/11-140/90 | 36,25 €    |
| 160 | BOR-K/11-160/90 | 41,67 €    |
| 180 | BOR-K/11-180/90 | 54,38 €    |
| 200 | BOR-K/11-200/90 | 76,88 €    |
| 225 | BOR-K/11-225/90 | 92,71 €    |
| 250 | BOR-K/11-250/90 | 139,58 €   |
| 280 | BOR-K/11-280/90 | 200,63 €   |
| 315 | BOR-K/11-315/90 | 237,92 €   |
| 355 | BOR-K/11-355/90 | 468,13 €   |
| 400 | BOR-K/11-400/90 | 689,79 €   |
| 450 | BOR-K/11-450/90 | 1 022,71 € |
| 500 | BOR-K/11-500/90 | 1 401,88 € |
| 560 | BOR-K/11-560/90 | 1 573,96 € |
| 630 | BOR-K/11-630/90 | 2 138,96 € |



## Injection elbow long 45° PE100 SDR11

**+GF+**

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| d   | Code         | Price Net |
|-----|--------------|-----------|
| 20  | GF-753151006 | 2,50 €    |
| 25  | GF-753151007 | 2,92 €    |
| 32  | GF-753151008 | 3,96 €    |
| 40  | GF-753151009 | 5,21 €    |
| 50  | GF-753151010 | 6,04 €    |
| 63  | GF-753151011 | 10,00 €   |
| 75  | GF-753151012 | 13,96 €   |
| 90  | GF-753151013 | 16,25 €   |
| 110 | GF-753151014 | 24,58 €   |
| 125 | GF-753151015 | 37,29 €   |
| 140 | GF-753151016 | 41,25 €   |
| 160 | GF-753151017 | 54,58 €   |
| 180 | GF-753151018 | 61,67 €   |
| 200 | GF-753151019 | 84,58 €   |
| 225 | GF-753151020 | 100,63 €  |
| 250 | GF-753151021 | 174,58 €  |
| 280 | GF-753150922 | 262,92 €  |
| 315 | GF-753150923 | 319,58 €  |
| 355 |              |           |
| 400 |              |           |
| 450 |              |           |
| 500 |              |           |
| 560 |              |           |
| 630 |              |           |

**TURAN BORFIT**

WATER / SEWERS

| d   | Code            | Price Net  |
|-----|-----------------|------------|
| 20  |                 |            |
| 25  |                 |            |
| 32  |                 |            |
| 40  |                 |            |
| 50  |                 |            |
| 63  | BOR-K/11-63/45  | 5,00 €     |
| 75  | BOR-K/11-75/45  | 8,33 €     |
| 90  | BOR-K/11-90/45  | 10,00 €    |
| 110 | BOR-K/11-110/45 | 18,33 €    |
| 125 | BOR-K/11-125/45 | 26,46 €    |
| 140 | BOR-K/11-140/45 | 34,58 €    |
| 160 | BOR-K/11-160/45 | 40,21 €    |
| 180 | BOR-K/11-180/45 | 47,08 €    |
| 200 | BOR-K/11-200/45 | 64,38 €    |
| 225 | BOR-K/11-225/45 | 83,13 €    |
| 250 | BOR-K/11-250/45 | 115,83 €   |
| 280 | BOR-K/11-280/45 | 233,33 €   |
| 315 | BOR-K/11-315/45 | 247,08 €   |
| 355 | BOR-K/11-355/45 | 468,13 €   |
| 400 | BOR-K/11-400/45 | 689,79 €   |
| 450 | BOR-K/11-450/45 | 735,83 €   |
| 500 | BOR-K/11-500/45 | 1 005,00 € |
| 560 | BOR-K/11-560/45 | on request |
| 630 | BOR-K/11-630/45 | on request |



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## Injection elbow long 90° PE100 SDR17

**+GF+**

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| d   | Code         | Price Net |
|-----|--------------|-----------|
| 90  | GF-753100813 | 13,96 €   |
| 110 | GF-753100814 | 26,46 €   |
| 125 | GF-753100815 | 33,75 €   |
| 140 | GF-753100816 | 41,04 €   |
| 160 | GF-753100817 | 48,96 €   |
| 180 | GF-753100818 | 55,42 €   |
| 200 | GF-753100819 | 75,63 €   |
| 225 | GF-753100820 | 91,04 €   |
| 250 | GF-753100821 | 148,96 €  |
| 280 | GF-753100822 | 225,42 €  |
| 315 | GF-753100823 | 281,67 €  |
| 355 |              |           |
| 400 |              |           |
| 450 |              |           |
| 500 |              |           |
| 560 |              |           |
| 630 |              |           |
|     |              |           |


**TURAN BORFIT**  
 WATER / SEWERS

| d   | Code            | Price Net  |
|-----|-----------------|------------|
| 90  | BOR-K/17-90/90  | 10,42 €    |
| 110 | BOR-K/17-110/90 | 16,88 €    |
| 125 | BOR-K/17-125/90 | 24,17 €    |
| 140 | BOR-K/17-140/90 | 34,17 €    |
| 160 | BOR-K/17-160/90 | 37,29 €    |
| 180 | BOR-K/17-180/90 | 50,83 €    |
| 200 | BOR-K/17-200/90 | 66,04 €    |
| 225 | BOR-K/17-225/90 | 75,00 €    |
| 250 | BOR-K/17-250/90 | 118,33 €   |
| 280 | BOR-K/17-280/90 | 179,38 €   |
| 315 | BOR-K/17-315/90 | 223,96 €   |
| 355 | BOR-K/17-355/90 | 334,58 €   |
| 400 | BOR-K/17-400/90 | 469,38 €   |
| 450 | BOR-K/17-450/90 | 735,83 €   |
| 500 | BOR-K/17-500/90 | 1 005,00 € |
| 560 | BOR-K/17-560/90 | 1 117,50 € |
| 630 | BOR-K/17-630/90 | 1 330,00 € |
|     |                 |            |



## Injection elbow long 45° PE100 SDR17

**+GF+**

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| d   | Code         | Price Net |
|-----|--------------|-----------|
| 90  | GF-753150813 | 13,96 €   |
| 110 | GF-753150814 | 22,71 €   |
| 125 | GF-753150815 | 33,75 €   |
| 140 | GF-753150816 | 41,04 €   |
| 160 | GF-753150817 | 48,96 €   |
| 180 | GF-753150818 | 55,42 €   |
| 200 | GF-753150819 | 75,63 €   |
| 225 | GF-753150820 | 91,04 €   |
| 250 | GF-753150821 | 149,58 €  |
| 280 | GF-753150822 | 226,46 €  |
| 315 | GF-753150823 | 281,67 €  |
| 355 |              |           |
| 400 |              |           |
| 450 |              |           |
| 500 |              |           |
| 560 |              |           |
| 630 |              |           |
|     |              |           |


**TURAN BORFIT**  
 WATER / SEWERS

| d   | Code            | Price Net  |
|-----|-----------------|------------|
| 90  |                 |            |
| 110 | BOR-K/17-110/45 | 16,67 €    |
| 125 | BOR-K/17-125/45 | 26,46 €    |
| 140 | BOR-K/17-140/45 | 34,58 €    |
| 160 | BOR-K/17-160/45 | 35,83 €    |
| 180 | BOR-K/17-180/45 | 40,21 €    |
| 200 | BOR-K/17-200/45 | 58,75 €    |
| 225 | BOR-K/17-225/45 | 68,33 €    |
| 250 | BOR-K/17-250/45 | 119,17 €   |
| 280 | BOR-K/17-280/45 | 180,42 €   |
| 315 | BOR-K/17-315/45 | 223,96 €   |
| 355 | BOR-K/17-355/45 | 334,58 €   |
| 400 | BOR-K/17-400/45 | 469,38 €   |
| 450 | BOR-K/17-450/45 | 735,83 €   |
| 500 | BOR-K/17-500/45 | 1 005,00 € |
| 560 | BOR-K/17-560/45 | 1 117,50 € |
| 630 | BOR-K/17-630/45 | 1 330,00 € |
|     |                 |            |

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## Injection End Cap long PE100 SDR11

**+GF+**

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| d   | Code         | Price Net  |
|-----|--------------|------------|
| 20  | GF-753961006 | 2,50 €     |
| 25  | GF-753961007 | 2,92 €     |
| 32  | GF-753961008 | 3,54 €     |
| 40  | GF-753961009 | 4,17 €     |
| 50  | GF-753961010 | 5,83 €     |
| 63  | GF-753961011 | 7,08 €     |
| 75  | GF-753961012 | 13,33 €    |
| 90  | GF-753961013 | 16,88 €    |
| 110 | GF-753961014 | 20,42 €    |
| 125 | GF-753961015 | 22,92 €    |
| 140 | GF-753961016 | 30,83 €    |
| 160 | GF-753961017 | 31,88 €    |
| 180 | GF-753961018 | 44,58 €    |
| 200 | GF-753961019 | 55,83 €    |
| 225 | GF-753961020 | 66,46 €    |
| 250 | GF-753961021 | 85,00 €    |
| 280 | GF-753960922 | 120,42 €   |
| 315 | GF-753960923 | 163,13 €   |
| 355 | GF-753960924 | 365,63 €   |
| 400 | GF-753960925 | 645,42 €   |
| 450 | GF-753960926 | on request |
| 500 | GF-753960927 | on request |
| 560 | GF-753960928 | on request |
| 630 | GF-753960929 | on request |

**TURAN BORFIT**

WATER / SEWERS

| d   | Code         | Price Net |
|-----|--------------|-----------|
| 20  |              |           |
| 25  |              |           |
| 32  |              |           |
| 40  |              |           |
| 50  |              |           |
| 63  | BOR-Z/11-63  | 3,54 €    |
| 75  | BOR-Z/11-75  | 5,42 €    |
| 90  | BOR-Z/11-90  | 7,71 €    |
| 110 | BOR-Z/11-110 | 10,00 €   |
| 125 | BOR-Z/11-125 | 12,08 €   |
| 140 | BOR-Z/11-140 | 16,46 €   |
| 160 | BOR-Z/11-160 | 18,33 €   |
| 180 | BOR-Z/11-180 | 26,25 €   |
| 200 | BOR-Z/11-200 | 30,83 €   |
| 225 | BOR-Z/11-225 | 35,21 €   |
| 250 | BOR-Z/11-250 | 82,08 €   |
| 280 | BOR-Z/11-280 | 113,33 €  |
| 315 | BOR-Z/11-315 | 154,17 €  |
| 355 | BOR-Z/11-355 | 203,54 €  |
| 400 | BOR-Z/11-400 | 278,33 €  |
| 450 |              |           |
| 500 |              |           |
| 560 |              |           |
| 630 |              |           |



## Injection End Cap long PE100 SDR17

**+GF+**

| d   | Code         | Price Net  |
|-----|--------------|------------|
| 50  | GF-753960810 | 7,50 €     |
| 63  | GF-753960811 | 8,13 €     |
| 75  | GF-753960812 | 13,33 €    |
| 90  | GF-753960813 | 16,88 €    |
| 110 | GF-753960814 | 21,25 €    |
| 125 | GF-753960815 | 24,58 €    |
| 140 | GF-753960816 | 30,83 €    |
| 160 | GF-753960817 | 31,88 €    |
| 180 | GF-753960818 | 44,58 €    |
| 200 | GF-753960819 | 55,42 €    |
| 225 | GF-753960820 | 66,25 €    |
| 250 | GF-753960821 | 77,50 €    |
| 280 | GF-753960822 | 109,38 €   |
| 315 | GF-753960823 | 149,58 €   |
| 355 | GF-753960824 | 365,63 €   |
| 400 | GF-753960825 | 645,42 €   |
| 450 | GF-753960826 | on request |
| 500 | GF-753960827 | on request |
| 560 | GF-753960828 | on request |
| 630 | GF-753960829 | on request |



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## Bend 90° PE100 SDR11, SDR17



| SDR11 |              |            |
|-------|--------------|------------|
| d     | Code         | Price Net  |
| 32    | GF-753001008 | 4,58 €     |
| 40    | GF-753001009 | 6,04 €     |
| 50    | GF-753001010 | 8,13 €     |
| 63    | GF-753001011 | 18,13 €    |
| 75    | GF-753001012 | 22,08 €    |
| 90    | GF-753001013 | 22,92 €    |
| 110   | GF-753001014 | 37,29 €    |
| 125   | GF-753001015 | 54,79 €    |
| 140   | GF-753001016 | 84,58 €    |
| 160   | GF-753001017 | 88,33 €    |
| 180   | GF-753001018 | 111,04 €   |
| 200   | GF-753001019 | 117,08 €   |
| 225   | GF-753001020 | 155,21 €   |
| 250   | GF-753001021 | 241,25 €   |
| 280   | GF-753001022 | 312,92 €   |
| 315   | GF-753001023 | 432,92 €   |
| 355*  | GF-753001024 | 1 034,79 € |
| 400*  | GF-753001025 | 1 186,88 € |
| 450*  | GF-753001026 | 1 681,46 € |
| 500*  | GF-753001027 | 2 527,92 € |
| 560*  | GF-753001028 | 3 156,88 € |
| 630*  | GF-753001029 | 4 072,08 € |

| SDR17 |              |            |
|-------|--------------|------------|
| d     | Code         | Price Net  |
| 32    |              |            |
| 40    |              |            |
| 50    |              |            |
| 63    |              |            |
| 75    |              |            |
| 90    | GF-753000813 | 30,83 €    |
| 110   | GF-753000814 | 38,33 €    |
| 125   | GF-753000815 | 44,38 €    |
| 140   | GF-753000816 | 50,83 €    |
| 160   | GF-753000817 | 57,71 €    |
| 180   | GF-753000818 | 92,29 €    |
| 200   | GF-753000819 | 110,83 €   |
| 225   | GF-753000820 | 130,83 €   |
| 250   | GF-753000821 | 216,67 €   |
| 280   | GF-753000822 | 281,67 €   |
| 315   | GF-753000823 | 389,38 €   |
| 355*  | GF-753000824 | 688,13 €   |
| 400*  | GF-753000825 | 967,08 €   |
| 450*  | GF-753000826 | 1 372,71 € |
| 500*  | GF-753000827 | 1 967,50 € |
| 560*  | GF-753000828 | 2 447,71 € |
| 630*  | GF-753000829 | 3 043,13 € |



\* seamless bend PE100

## Bend 60° PE100 SDR11, SDR17



| SDR11 |              |            |
|-------|--------------|------------|
| d     | Code         | Price Net  |
| 32    | GF-753071008 | 35,00 €    |
| 40    | GF-753071009 | 38,13 €    |
| 50    | GF-753071010 | 52,92 €    |
| 63    | GF-753071011 | 74,17 €    |
| 75    | GF-753071012 | 81,46 €    |
| 90    | GF-753071013 | 91,04 €    |
| 110   | GF-753071014 | 103,96 €   |
| 125   | GF-753071015 | 133,54 €   |
| 140   | GF-753071016 | 151,04 €   |
| 160   | GF-753071017 | 178,96 €   |
| 180   | GF-753071018 | 295,42 €   |
| 200   | GF-753071019 | 357,71 €   |
| 225   | GF-753071020 | 424,17 €   |
| 250   | GF-753071021 | 511,67 €   |
| 280   | GF-753071022 | 614,58 €   |
| 315   | GF-753071023 | 755,83 €   |
| 355   | GF-753071024 | 1 187,92 € |
| 400   | GF-753071025 | 1 310,63 € |
| 450   | GF-753071026 | 1 611,67 € |
| 500   | GF-753071027 | 2 423,96 € |
| 560   | GF-753071028 | 3 034,38 € |
| 630   | GF-753071029 | 3 899,79 € |

| SDR17 |              |            |
|-------|--------------|------------|
| d     | Code         | Price Net  |
| 32    |              |            |
| 40    |              |            |
| 50    |              |            |
| 63    |              |            |
| 75    |              |            |
| 90    | GF-753070813 | 74,17 €    |
| 110   | GF-753070814 | 93,54 €    |
| 125   | GF-753070815 | 106,46 €   |
| 140   | GF-753070816 | 121,88 €   |
| 160   | GF-753070817 | 136,46 €   |
| 180   | GF-753070818 | 216,25 €   |
| 200   | GF-753070819 | 260,21 €   |
| 225   | GF-753070820 | 306,67 €   |
| 250   | GF-753070821 | 383,54 €   |
| 280   | GF-753070822 | 428,75 €   |
| 315   | GF-753070823 | 557,08 €   |
| 355   | GF-753070824 | 757,29 €   |
| 400   | GF-753070825 | 1 081,46 € |
| 450   | GF-753070826 | 1 315,42 € |
| 500   | GF-753070827 | 1 887,92 € |
| 560   | GF-753070828 | 2 342,71 € |
| 630   | GF-753070829 | 2 921,46 € |



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## Bend 45° PE100 SDR11, SDR17

**+GF+**

| SDR11 |              |            |
|-------|--------------|------------|
| d     | Code         | Price Net  |
| 32    | GF-753051008 | 35,00 €    |
| 40    | GF-753051009 | 38,13 €    |
| 50    | GF-753051010 | 47,50 €    |
| 63    | GF-753051011 | 73,33 €    |
| 75    | GF-753051012 | 80,83 €    |
| 90    | GF-753051013 | 89,38 €    |
| 110   | GF-753051014 | 116,46 €   |
| 125   | GF-753051015 | 130,42 €   |
| 140   | GF-753051016 | 147,50 €   |
| 160   | GF-753051017 | 173,96 €   |
| 180   | GF-753051018 | 287,92 €   |
| 200   | GF-753051019 | 348,96 €   |
| 225   | GF-753051020 | 416,04 €   |
| 250   | GF-753051021 | 494,38 €   |
| 280   | GF-753051022 | 591,04 €   |
| 315   | GF-753051023 | 720,63 €   |
| 355   | GF-753051024 | 1 163,54 € |
| 400   | GF-753051025 | 1 279,79 € |
| 450   | GF-753051026 | 1 573,13 € |
| 500   | GF-753051027 | 2 203,33 € |
| 560   | GF-753051028 | 2 758,33 € |
| 630   | GF-753051029 | 3 545,21 € |

| SDR17 |              |            |
|-------|--------------|------------|
| d     | Code         | Price Net  |
| 32    |              |            |
| 40    |              |            |
| 50    |              |            |
| 63    |              |            |
| 75    |              |            |
| 90    | GF-753050813 | 73,33 €    |
| 110   | GF-753050814 | 92,29 €    |
| 125   | GF-753050815 | 104,79 €   |
| 140   | GF-753050816 | 120,00 €   |
| 160   | GF-753050817 | 133,13 €   |
| 180   | GF-753050818 | 211,46 €   |
| 200   | GF-753050819 | 254,58 €   |
| 225   | GF-753050820 | 301,88 €   |
| 250   | GF-753050821 | 371,88 €   |
| 280   | GF-753050822 | 413,33 €   |
| 315   | GF-753050823 | 534,38 €   |
| 355   | GF-753050824 | 750,42 €   |
| 400   | GF-753050825 | 1 041,04 € |
| 450   | GF-753050826 | 1 252,29 € |
| 500   | GF-753050827 | 1 716,46 € |
| 560   | GF-753050828 | 2 129,38 € |
| 630   | GF-753050829 | 2 656,04 € |



## Bend 30° PE100 SDR11, SDR17

**+GF+**

| SDR11 |              |            |
|-------|--------------|------------|
| d     | Code         | Price Net  |
| 32    | GF-753061008 | 35,00 €    |
| 40    | GF-753061009 | 38,13 €    |
| 50    | GF-753061010 | 52,08 €    |
| 63    | GF-753061011 | 73,13 €    |
| 75    | GF-753061012 | 79,79 €    |
| 90    | GF-753061013 | 88,75 €    |
| 110   | GF-753061014 | 115,00 €   |
| 125   | GF-753061015 | 128,13 €   |
| 140   | GF-753061016 | 144,17 €   |
| 160   | GF-753061017 | 168,96 €   |
| 180   | GF-753061018 | 283,13 €   |
| 200   | GF-753061019 | 343,33 €   |
| 225   | GF-753061020 | 409,79 €   |
| 250   | GF-753061021 | 477,29 €   |
| 280   | GF-753061022 | 567,29 €   |
| 315   | GF-753061023 | 688,13 €   |
| 355   | GF-753061024 | 1 163,54 € |
| 400   | GF-753061025 | 1 279,79 € |
| 450   | GF-753061026 | 1 573,13 € |
| 500   | GF-753061027 | 2 203,33 € |
| 560   | GF-753061028 | 2 758,33 € |
| 630   | GF-753061029 | 3 545,21 € |

| SDR17 |              |            |
|-------|--------------|------------|
| d     | Code         | Price Net  |
| 32    |              |            |
| 40    |              |            |
| 50    |              |            |
| 63    |              |            |
| 75    |              |            |
| 90    | GF-753060813 | 72,92 €    |
| 110   | GF-753060814 | 91,25 €    |
| 125   | GF-753060815 | 103,33 €   |
| 140   | GF-753060816 | 117,71 €   |
| 160   | GF-753060817 | 129,58 €   |
| 180   | GF-753060818 | 207,71 €   |
| 200   | GF-753060819 | 251,04 €   |
| 225   | GF-753060820 | 297,29 €   |
| 250   | GF-753060821 | 360,00 €   |
| 280   | GF-753060822 | 398,13 €   |
| 315   | GF-753060823 | 513,33 €   |
| 355   | GF-753060824 | 750,42 €   |
| 400   | GF-753060825 | 1 041,04 € |
| 450   | GF-753060826 | 1 251,67 € |
| 500   | GF-753060827 | 1 716,46 € |
| 560   | GF-753060828 | 2 129,38 € |
| 630   | GF-753060829 | 2 656,04 € |



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## Bend 22° PE100 SDR11, SDR17



| SDR11 |              |            |
|-------|--------------|------------|
| d     | Code         | Price Net  |
| 32    | GF-753081008 | 35,00 €    |
| 40    | GF-753081009 | 38,13 €    |
| 50    | GF-753081010 | 52,08 €    |
| 63    | GF-753081011 | 73,13 €    |
| 75    | GF-753081012 | 79,79 €    |
| 90    | GF-753081013 | 88,75 €    |
| 110   | GF-753081014 | 115,00 €   |
| 125   | GF-753081015 | 128,13 €   |
| 140   | GF-753081016 | 144,17 €   |
| 160   | GF-753081017 | 168,96 €   |
| 180   | GF-753081018 | 283,13 €   |
| 200   | GF-753081019 | 343,33 €   |
| 225   | GF-753081020 | 409,79 €   |
| 250   | GF-753081021 | 477,29 €   |
| 280   | GF-753081022 | 567,29 €   |
| 315   | GF-753081023 | 688,13 €   |
| 355   | GF-753081024 | 1 163,54 € |
| 400   | GF-753081025 | 1 279,79 € |
| 450   | GF-753081026 | 1 573,13 € |
| 500   | GF-753081027 | 2 203,33 € |
| 560   | GF-753081028 | 2 758,33 € |
| 630   | GF-753081029 | 3 545,21 € |

| SDR17 |              |            |
|-------|--------------|------------|
| d     | Code         | Price Net  |
| 32    |              |            |
| 40    |              |            |
| 50    |              |            |
| 63    |              |            |
| 75    |              |            |
| 90    | GF-753080813 | 72,92 €    |
| 110   | GF-753080814 | 91,25 €    |
| 125   | GF-753080815 | 103,33 €   |
| 140   | GF-753080816 | 117,71 €   |
| 160   | GF-753080817 | 129,58 €   |
| 180   | GF-753080818 | 207,71 €   |
| 200   | GF-753080819 | 251,04 €   |
| 225   | GF-753080820 | 297,29 €   |
| 250   | GF-753080821 | 360,00 €   |
| 280   | GF-753080822 | 398,13 €   |
| 315   | GF-753080823 | 513,33 €   |
| 355   | GF-753080824 | 750,42 €   |
| 400   | GF-753080825 | 1 041,04 € |
| 450   | GF-753080826 | 1 251,67 € |
| 500   | GF-753080827 | 1 716,46 € |
| 560   | GF-753080828 | 2 129,38 € |
| 630   | GF-753080829 | 2 656,04 € |



## Bend 11° PE100 SDR11, SDR17



| SDR11 |              |            |
|-------|--------------|------------|
| d     | Code         | Price Net  |
| 32    | GF-753091008 | 35,00 €    |
| 40    | GF-753091009 | 38,13 €    |
| 50    | GF-753091010 | 52,08 €    |
| 63    | GF-753091011 | 73,13 €    |
| 75    | GF-753091012 | 79,79 €    |
| 90    | GF-753091013 | 88,75 €    |
| 110   | GF-753091014 | 115,00 €   |
| 125   | GF-753091015 | 128,13 €   |
| 140   | GF-753091016 | 144,17 €   |
| 160   | GF-753091017 | 168,96 €   |
| 180   | GF-753091018 | 283,13 €   |
| 200   | GF-753091019 | 343,33 €   |
| 225   | GF-753091020 | 409,79 €   |
| 250   | GF-753091021 | 477,29 €   |
| 280   | GF-753091022 | 567,29 €   |
| 315   | GF-753091023 | 688,13 €   |
| 355   | GF-753091024 | 1 163,54 € |
| 400   | GF-753091025 | 1 279,79 € |
| 450   | GF-753091026 | 1 573,13 € |
| 500   | GF-753091027 | 2 203,33 € |
| 560   | GF-753091028 | 2 758,33 € |
| 630   | GF-753091029 | 3 545,21 € |

| SDR17 |              |            |
|-------|--------------|------------|
| d     | Code         | Price Net  |
| 32    |              |            |
| 40    |              |            |
| 50    |              |            |
| 63    |              |            |
| 75    |              |            |
| 90    | GF-753090813 | 72,92 €    |
| 110   | GF-753090814 | 91,25 €    |
| 125   | GF-753090815 | 103,33 €   |
| 140   | GF-753090816 | 117,71 €   |
| 160   | GF-753090817 | 129,58 €   |
| 180   | GF-753090818 | 207,71 €   |
| 200   | GF-753090819 | 251,04 €   |
| 225   | GF-753090820 | 297,29 €   |
| 250   | GF-753090821 | 360,00 €   |
| 280   | GF-753090822 | 398,13 €   |
| 315   | GF-753090823 | 513,33 €   |
| 355   | GF-753090824 | 750,42 €   |
| 400   | GF-753090825 | 1 041,04 € |
| 450   | GF-753090826 | 1 251,67 € |
| 500   | GF-753090827 | 1 716,46 € |
| 560   | GF-753090828 | 2 129,38 € |
| 630   | GF-753090829 | 2 656,04 € |



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## Injecion tee 90° long PE100 SDR11



| d   | Code         | Price Net  |
|-----|--------------|------------|
| 20  | GF-753201006 | 3,33 €     |
| 25  | GF-753201007 | 3,75 €     |
| 32  | GF-753201008 | 4,17 €     |
| 40  | GF-753201009 | 5,83 €     |
| 50  | GF-753201010 | 7,29 €     |
| 63  | GF-753201011 | 9,58 €     |
| 75  | GF-753201012 | 15,21 €    |
| 90  | GF-753201013 | 22,92 €    |
| 110 | GF-753201014 | 31,46 €    |
| 125 | GF-753201015 | 46,67 €    |
| 140 | GF-753201016 | 70,42 €    |
| 160 | GF-753201017 | 81,88 €    |
| 180 | GF-753201018 | 113,33 €   |
| 200 | GF-753201019 | 166,67 €   |
| 225 | GF-753201020 | 197,71 €   |
| 250 | GF-753201001 | 280,42 €   |
| 280 | GF-753200902 | 360,42 €   |
| 315 | GF-753200903 | 538,54 €   |
| 355 | GF-753200024 | 875,00 €   |
| 400 | GF-753200025 | 1 312,50 € |
| 450 | GF-753200026 | 1 625,00 € |
| 500 | GF-753200027 | 2 062,50 € |
| 560 | GF-753200028 | 5 031,25 € |
| 630 | GF-753200029 | 6 729,17 € |



| d   | Code         | Price Net  |
|-----|--------------|------------|
| 20  |              |            |
| 25  |              |            |
| 32  |              |            |
| 40  |              |            |
| 50  |              |            |
| 63  |              |            |
| 75  |              |            |
| 90  | BOR-T/11-090 | 15,00 €    |
| 110 | BOR-T/11-110 | 21,46 €    |
| 125 | BOR-T/11-125 | 32,71 €    |
| 140 | BOR-T/11-140 | 47,50 €    |
| 160 | BOR-T/11-160 | 60,21 €    |
| 180 | BOR-T/11-180 | 90,21 €    |
| 200 | BOR-T/11-200 | 111,04 €   |
| 225 | BOR-T/11-225 | 142,92 €   |
| 250 | BOR-T/11-250 | 209,17 €   |
| 280 | BOR-T/11-280 | 286,46 €   |
| 315 | BOR-T/11-315 | 373,13 €   |
| 355 | BOR-T/11-355 | 807,71 €   |
| 400 | BOR-T/11-400 | 1 206,67 € |
| 450 | BOR-T/11-450 | 1 473,54 € |
| 500 | BOR-T/11-500 | 1 925,21 € |
| 560 | BOR-T/11-560 | on request |
| 630 | BOR-T/11-630 | on request |



## Injecion tee 90° long PE100 SDR17



| d   | Code         | Price Net  |
|-----|--------------|------------|
| 90  | GF-753200813 | 20,00 €    |
| 110 | GF-753200814 | 28,33 €    |
| 125 | GF-753200815 | 39,38 €    |
| 140 | GF-753200816 | 60,42 €    |
| 160 | GF-753200817 | 70,00 €    |
| 180 | GF-753200818 | 98,54 €    |
| 200 | GF-753200819 | 140,63 €   |
| 225 | GF-753200820 | 167,92 €   |
| 250 | GF-753200821 | 212,08 €   |
| 280 | GF-753200802 | 321,25 €   |
| 315 | GF-753200803 | 411,04 €   |
| 355 | GF-753200124 | 743,75 €   |
| 400 | GF-753200125 | 993,75 €   |
| 450 | GF-753200126 | 1 166,67 € |
| 500 | GF-753200127 | 1 437,50 € |
| 560 | GF-753200128 | 3 604,17 € |
| 630 | GF-753200129 | 5 291,67 € |



| d   | Code         | Price Net  |
|-----|--------------|------------|
| 90  | BOR-T/17-090 | 13,33 €    |
| 110 | BOR-T/17-110 | 19,58 €    |
| 125 | BOR-T/17-125 | 29,58 €    |
| 140 | BOR-T/17-140 | 43,33 €    |
| 160 | BOR-T/17-160 | 54,17 €    |
| 180 | BOR-T/17-180 | 74,17 €    |
| 200 | BOR-T/17-200 | 93,75 €    |
| 225 | BOR-T/17-225 | 123,54 €   |
| 250 | BOR-T/17-250 | 161,25 €   |
| 280 | BOR-T/17-280 | 244,38 €   |
| 315 | BOR-T/17-315 | 311,88 €   |
| 355 | BOR-T/17-355 | 675,83 €   |
| 400 | BOR-T/17-400 | 903,54 €   |
| 450 | BOR-T/17-450 | 1 045,21 € |
| 500 | BOR-T/17-500 | 1 307,08 € |
| 560 | BOR-T/17-560 | 1 960,83 € |
| 630 | BOR-T/17-630 | 2 614,38 € |



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## Injecion tee 45° long PE100 SDR11

**+GF+**

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| d   | Code         | Price Net |
|-----|--------------|-----------|
| 63  | GF-753251011 | 57,92 €   |
| 75  | GF-753251012 | 87,92 €   |
| 90  | GF-753251013 | 136,46 €  |
| 110 | GF-753251014 | 193,33 €  |
| 160 |              |           |

## Injestion reduced tee 90° long PE100 SDR11

**+GF+**

GAS / WATER / SEWERS

| d-d1    | Code         | Price Net |
|---------|--------------|-----------|
| 90-63   | GF-753201029 | 44,38 €   |
| 90-75   | GF-753201030 | 44,38 €   |
| 110-63  | GF-753201028 | 65,00 €   |
| 110-75  | GF-753201031 | 69,17 €   |
| 110-90  | GF-753201032 | 81,88 €   |
| 125-63  |              |           |
| 125-90  | GF-753201048 | 89,79 €   |
| 125-110 | GF-753201033 | 89,79 €   |
| 160-63  | GF-753201034 | 178,75 €  |
| 160-90  | GF-753201036 | 178,75 €  |
| 160-110 | GF-753201037 | 183,75 €  |
| 160-125 |              |           |
| 160-140 |              |           |
| 180-90  | GF-753201049 | 255,00 €  |
| 180-110 | GF-753201050 | 255,00 €  |
| 180-160 | GF-753201038 | 255,00 €  |
| 200-63  | GF-753201073 | 379,79 €  |
| 200-90  | GF-753201074 | 371,25 €  |
| 200-110 | GF-753201075 | 381,04 €  |
| 200-160 | GF-753201076 | 390,83 €  |
| 225-90  | GF-753201040 | 413,75 €  |
| 225-110 | GF-753201041 | 420,63 €  |
| 225-160 | GF-753201042 | 420,63 €  |
| 250-090 |              |           |
| 250-110 | GF-753201078 | 714,17 €  |
| 250-125 |              |           |
| 250-160 | GF-753201079 | 714,17 €  |
| 250-200 |              |           |
| 280-110 |              |           |
| 280-125 |              |           |
| 280-160 |              |           |
| 280-200 |              |           |
| 315-90  |              |           |
| 315-110 | GF-753201051 | 682,50 €  |
| 315-160 | GF-753201052 | 682,50 €  |
| 315-200 |              |           |
| 315-250 | GF-753201054 | 714,17 €  |
| 355-090 |              |           |
| 355-110 |              |           |
| 355-160 |              |           |
| 355-250 |              |           |

**TURAN (BORFIT)**  
WATER / SEWERS

| d   | Code             | Price Net |
|-----|------------------|-----------|
| 63  |                  |           |
| 75  |                  |           |
| 90  |                  |           |
| 110 | BOR-TK/11-110-45 | 79,38 €   |
| 160 | BOR-TK/11-160-45 | 133,96 €  |

**TURAN (BORFIT)**  
WATER / SEWERS

| d-d1    | Code              | Price Net |
|---------|-------------------|-----------|
| 90-63   | BOR-TR/11-90/63   | 16,67 €   |
| 90-75   |                   |           |
| 110-63  | BOR-TR/11-110/63  | 29,58 €   |
| 110-75  |                   |           |
| 110-90  | BOR-TR/11-110/90  | 24,79 €   |
| 125-63  | BOR-TR/11-125/63  | 42,29 €   |
| 125-90  | BOR-TR/11-125/90  | 42,29 €   |
| 125-110 | BOR-TR/11-125/110 | 41,04 €   |
| 160-63  | BOR-TR/11-160/63  | 80,21 €   |
| 160-90  | BOR-TR/11-160/90  | 68,75 €   |
| 160-110 | BOR-TR/11-160/110 | 68,75 €   |
| 160-125 | BOR-TR/11-160/125 | 68,75 €   |
| 160-140 | BOR-TR/11-160/140 | 68,75 €   |
| 180-90  | BOR-TR/11-180/90  | 111,46 €  |
| 180-110 | BOR-TR/11-180/110 | 114,79 €  |
| 180-160 |                   |           |
| 200-63  | BOR-TR/11-200/63  | 154,17 €  |
| 200-90  | BOR-TR/11-200/90  | 154,17 €  |
| 200-110 | BOR-TR/11-200/110 | 154,17 €  |
| 200-160 | BOR-TR/11-200/160 | 148,96 €  |
| 225-90  | BOR-TR/11-225/90  | 163,54 €  |
| 225-110 | BOR-TR/11-225/110 | 163,54 €  |
| 225-160 | BOR-TR/11-225/160 | 163,54 €  |
| 250-090 | BOR-TR/11-250/090 | 313,33 €  |
| 250-110 | BOR-TR/11-250/110 | 313,33 €  |
| 250-125 | BOR-TR/11-250/125 | 313,33 €  |
| 250-160 | BOR-TR/11-250/160 | 313,33 €  |
| 250-200 | BOR-TR/11-250/200 | 313,33 €  |
| 280-110 | BOR-TR/11-280/110 | 275,63 €  |
| 280-125 | BOR-TR/11-280/125 | 354,17 €  |
| 280-160 | BOR-TR/11-280/160 | 354,17 €  |
| 280-200 | BOR-TR/11-280/200 | 440,83 €  |
| 315-90  | BOR-TR/11-315/090 | 510,21 €  |
| 315-110 | BOR-TR/11-315/110 | 510,21 €  |
| 315-160 | BOR-TR/11-315/160 | 510,21 €  |
| 315-200 | BOR-TR/11-315/200 | 510,21 €  |
| 315-250 | BOR-TR/11-315/250 | 510,21 €  |
| 355-090 | BOR-TR/11-355/090 | 534,17 €  |
| 355-110 | BOR-TR/11-355/110 | 534,17 €  |
| 355-160 | BOR-TR/11-355/160 | 534,17 €  |
| 355-250 | BOR-TR/11-355/250 | 534,17 €  |



GAS

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SEWERS

## Injecion tee 45° long PE100 SDR17

**+GF+**

GAS / WATER / SEWERS

| d   | Code         | Price Net |
|-----|--------------|-----------|
| 90  | GF-753251063 | 131,25 €  |
| 110 | GF-753251064 | 186,46 €  |
| 160 |              |           |

**TURAN BORFIT**

WATER / SEWERS

| d   | Code             | Price Net |
|-----|------------------|-----------|
| 90  |                  |           |
| 110 | BOR-TK/17-110-45 | 62,92 €   |
| 160 | BOR-TK/17-160-45 | 106,88 €  |



## Injection reduced tee 90° long PE100 SDR17

**+GF+**

GAS / WATER / SEWERS

| d-d1    | Code         | Price Net |
|---------|--------------|-----------|
| 110-63  | GF-853201828 | 57,92 €   |
| 110-75  | GF-753201831 | 68,13 €   |
| 110-90  | GF-753201832 | 74,58 €   |
| 125-110 | GF-753200833 | 80,21 €   |
| 160-63  | GF-753200834 | 159,58 €  |
| 160-90  | GF-753200836 | 165,00 €  |
| 160-110 | GF-753200837 | 166,46 €  |
| 160-125 |              |           |
| 160-140 |              |           |
| 180-90  | GF-753200844 | 222,29 €  |
| 180-110 |              |           |
| 180-160 | GF-753200838 | 222,29 €  |
| 200-63  | GF-753201873 | 317,08 €  |
| 200-90  | GF-753201874 | 318,54 €  |
| 200-110 | GF-753201875 | 320,83 €  |
| 200-160 | GF-753201876 | 322,29 €  |
| 225-75  | GF-753200839 | 373,54 €  |
| 225-90  | GF-753200840 | 373,54 €  |
| 225-110 | GF-753200841 | 376,04 €  |
| 225-160 | GF-753200842 | 376,46 €  |
| 225-180 | GF-753200843 | 377,92 €  |
| 250-90  |              |           |
| 250-110 | GF-753201878 | 512,29 €  |
| 250-160 | GF-753201879 | 521,67 €  |
| 250-200 |              |           |
| 280-90  |              |           |
| 280-110 |              |           |
| 280-160 |              |           |
| 280-180 |              |           |
| 280-200 |              |           |
| 280-225 |              |           |
| 315-90  |              |           |
| 315-110 | GF-753200851 | 628,13 €  |
| 315-160 | GF-753200852 | 628,13 €  |
| 315-200 |              |           |
| 315-225 | GF-753200853 | 656,67 €  |
| 315-250 | GF-753200854 | 656,67 €  |
| 355-090 |              |           |
| 355-160 |              |           |
| 355-250 |              |           |

**TURAN BORFIT**

WATER / SEWERS

| d-d1    | Code              | Price Net |
|---------|-------------------|-----------|
| 110-63  | BOR-TR/17-110/63  | 22,50 €   |
| 110-75  | BOR-TR/17-110/75  | 22,50 €   |
| 110-90  | BOR-TR/17-110/90  | 22,50 €   |
| 125-110 |                   |           |
| 160-63  | BOR-TR/17-160/63  | 73,13 €   |
| 160-90  | BOR-TR/17-160/90  | 62,29 €   |
| 160-110 | BOR-TR/17-160/110 | 62,29 €   |
| 160-125 | BOR-TR/17-160/125 | 62,29 €   |
| 160-140 | BOR-TR/17-160/140 | 62,29 €   |
| 180-90  | BOR-TR/17-180/90  | 104,79 €  |
| 180-110 | BOR-TR/17-180/110 | 104,79 €  |
| 180-160 |                   |           |
| 200-63  |                   |           |
| 200-90  | BOR-TR/17-200/90  | 140,42 €  |
| 200-110 | BOR-TR/17-200/110 | 140,42 €  |
| 200-160 | BOR-TR/17-200/160 | 130,83 €  |
| 225-75  |                   |           |
| 225-90  | BOR-TR/17-225/90  | 174,38 €  |
| 225-110 | BOR-TR/17-225/110 | 174,38 €  |
| 225-160 | BOR-TR/17-225/160 | 174,38 €  |
| 225-180 | BOR-TR/17-225/180 | 174,38 €  |
| 250-90  | BOR-TR/17-250/90  | 284,79 €  |
| 250-110 | BOR-TR/17-250/110 | 284,79 €  |
| 250-160 | BOR-TR/17-250/160 | 284,79 €  |
| 250-200 | BOR-TR/17-250/200 | 284,79 €  |
| 280-90  | BOR-TR/17-280/90  | 234,58 €  |
| 280-110 | BOR-TR/17-280/110 | 234,58 €  |
| 280-160 | BOR-TR/17-280/160 | 318,33 €  |
| 280-180 | BOR-TR/17-280/180 | 318,33 €  |
| 280-200 | BOR-TR/17-280/200 | 373,33 €  |
| 280-225 | BOR-TR/17-280/225 | 373,33 €  |
| 315-90  | BOR-TR/17-315/90  | 469,58 €  |
| 315-110 | BOR-TR/17-315/110 | 469,58 €  |
| 315-160 | BOR-TR/17-315/160 | 469,58 €  |
| 315-200 | BOR-TR/17-315/200 | 469,58 €  |
| 315-225 | BOR-TR/17-315/225 | 469,58 €  |
| 315-250 | BOR-TR/17-315/250 | 469,58 €  |
| 355-090 | BOR-TR/17-355/090 | 432,92 €  |
| 355-160 | BOR-TR/17-355/160 | 432,92 €  |
| 355-250 | BOR-TR/17-355/250 | 432,92 €  |



GAS

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## Injection reducer long PE100 SDR11

**+GF+**

GAS / WATER / SEWERS

| d-d1    | Code         | Price Net |
|---------|--------------|-----------|
| 25-20   | GF-753901038 | 2,08 €    |
| 32-20   | GF-753901042 | 2,08 €    |
| 32-25   | GF-753901041 | 2,08 €    |
| 40-20   | GF-753901048 | 3,33 €    |
| 40-25   | GF-753901047 | 3,33 €    |
| 40-32   | GF-753901046 | 3,33 €    |
| 50-25   | GF-753901054 | 3,96 €    |
| 50-32   | GF-753901053 | 3,96 €    |
| 50-40   | GF-753901052 | 3,96 €    |
| 63-32   | GF-753901060 | 5,83 €    |
| 63-40   | GF-753901059 | 5,83 €    |
| 63-50   | GF-753901058 | 5,83 €    |
| 75-50   | GF-753901064 | 8,75 €    |
| 75-63   | GF-753901065 | 8,75 €    |
| 90-50   | GF-753901072 | 11,88 €   |
| 90-63   | GF-753901071 | 11,88 €   |
| 90-75   | GF-753901070 | 11,88 €   |
| 110-63  | GF-753901078 | 16,04 €   |
| 110-75  | GF-753901077 | 16,04 €   |
| 110-90  | GF-753901076 | 16,04 €   |
| 125-63  | GF-753901083 | 17,92 €   |
| 125-75  | GF-753901082 | 18,54 €   |
| 125-90  | GF-753901081 | 18,54 €   |
| 125-110 | GF-753901080 | 18,54 €   |
| 140-75  | GF-753901086 | 28,33 €   |
| 140-90  | GF-753901087 | 28,33 €   |
| 140-110 | GF-753901084 | 28,33 €   |
| 140-125 | GF-753901085 | 26,67 €   |
| 160-90  | GF-753901088 | 36,04 €   |
| 160-110 | GF-753901090 | 36,04 €   |
| 160-125 | GF-753901089 | 36,04 €   |
| 160-140 | GF-753901032 | 36,04 €   |
| 180-90  | GF-753901073 | 42,08 €   |
| 180-110 | GF-753901074 | 42,08 €   |
| 180-125 | GF-753901091 | 45,83 €   |
| 180-140 | GF-753901075 | 45,83 €   |
| 180-160 | GF-753901033 | 43,75 €   |
| 200-125 |              |           |
| 200-140 | GF-753901066 | 53,54 €   |
| 200-160 | GF-753901092 | 50,83 €   |
| 200-180 | GF-753901034 | 50,83 €   |
| 225-090 |              |           |
| 225-110 |              |           |
| 225-140 | GF-753901067 | 85,63 €   |
| 225-160 | GF-753901096 | 81,88 €   |
| 225-180 | GF-753901095 | 81,88 €   |
| 225-200 | GF-753901094 | 81,88 €   |
| 250-110 |              |           |
| 250-125 |              |           |
| 250-160 | GF-753901000 | 121,46 €  |
| 250-180 | GF-753901068 | 133,33 €  |
| 250-200 | GF-753901001 | 127,08 €  |
| 250-225 | GF-753901002 | 127,08 €  |


**TURAN BORFIT**  
 WATER / SEWERS

| d-d1    | Code             | Price Net |
|---------|------------------|-----------|
| 25-20   |                  |           |
| 32-20   |                  |           |
| 32-25   |                  |           |
| 40-20   |                  |           |
| 40-25   |                  |           |
| 40-32   |                  |           |
| 50-25   |                  |           |
| 50-32   |                  |           |
| 50-40   |                  |           |
| 63-32   |                  |           |
| 63-40   |                  |           |
| 63-50   |                  |           |
| 75-50   |                  |           |
| 75-63   |                  |           |
| 90-50   |                  |           |
| 90-63   | BOR-R/11-90-63   | 6,46 €    |
| 90-75   | BOR-R/11-90-75   | 9,38 €    |
| 110-63  | BOR-R/11-110-63  | 10,00 €   |
| 110-75  | BOR-R/11-110-75  | 10,00 €   |
| 110-90  | BOR-R/11-110-90  | 10,00 €   |
| 125-63  | BOR-R/11-125-63  | 15,21 €   |
| 125-75  | BOR-R/11-125-75  | 15,42 €   |
| 125-90  | BOR-R/11-125-90  | 15,42 €   |
| 125-110 | BOR-R/11-125-110 | 15,42 €   |
| 140-75  | BOR-R/11-140-75  | 23,75 €   |
| 140-90  | BOR-R/11-140-90  | 23,75 €   |
| 140-110 | BOR-R/11-140-110 | 23,75 €   |
| 140-125 | BOR-R/11-140-125 | 21,04 €   |
| 160-90  | BOR-R/11-160-90  | 17,92 €   |
| 160-110 | BOR-R/11-160-110 | 17,92 €   |
| 160-125 | BOR-R/11-160-125 | 17,92 €   |
| 160-140 | BOR-R/11-160-140 | 28,96 €   |
| 180-90  | BOR-R/11-180-90  | 27,50 €   |
| 180-110 | BOR-R/11-180-110 | 27,50 €   |
| 180-125 | BOR-R/11-180-125 | 38,54 €   |
| 180-140 | BOR-R/11-180-140 | 38,54 €   |
| 180-160 | BOR-R/11-180-160 | 37,08 €   |
| 200-125 | BOR-R/11-200-125 | 44,58 €   |
| 200-140 | BOR-R/11-200-140 | 44,58 €   |
| 200-160 | BOR-R/11-200-160 | 37,29 €   |
| 200-180 | BOR-R/11-200-180 | 37,29 €   |
| 225-090 | BOR-R/11-225-090 | 71,88 €   |
| 225-110 | BOR-R/11-225-110 | 71,88 €   |
| 225-140 |                  |           |
| 225-160 | BOR-R/11-225-160 | 49,58 €   |
| 225-180 | BOR-R/11-225-180 | 52,92 €   |
| 225-200 | BOR-R/11-225-200 | 52,92 €   |
| 250-110 | BOR-R/11-250-110 | 87,92 €   |
| 250-125 | BOR-R/11-250-125 | 87,92 €   |
| 250-160 | BOR-R/11-250-160 | 72,50 €   |
| 250-180 | BOR-R/11-250-180 | 96,67 €   |
| 250-200 | BOR-R/11-250-200 | 72,50 €   |
| 250-225 | BOR-R/11-250-225 | 75,00 €   |

GAS WATER SEWERS 

## Injection reducer long PE100 SDR11



| d-d1    | Code         | Price Net  |
|---------|--------------|------------|
| 280-200 | GF-753901098 | 167,29 €   |
| 280-225 | GF-753901099 | 167,29 €   |
| 280-250 | GF-753901003 | 151,67 €   |
| 315-160 |              |            |
| 315-200 | GF-753901004 | 217,50 €   |
| 315-225 | GF-753901097 | 217,50 €   |
| 315-250 | GF-753901005 | 217,50 €   |
| 315-280 | GF-753901012 | 219,17 €   |
| 355-200 |              |            |
| 355-250 | GF-753901013 | 671,46 €   |
| 355-280 | GF-753901014 | 618,33 €   |
| 355-315 | GF-753901015 | 598,54 €   |
| 400-200 |              |            |
| 400-250 |              |            |
| 400-280 | GF-753901016 | 1 027,71 € |
| 400-315 | GF-753901017 | 964,58 €   |
| 400-355 | GF-753901018 | 881,67 €   |
| 450-315 |              |            |
| 450-400 |              |            |
| 500-400 |              |            |
| 500-450 |              |            |
| 560-400 |              |            |
| 560-450 |              |            |
| 560-500 |              |            |
| 630-400 |              |            |
| 630-450 |              |            |
| 630-500 |              |            |
| 630-560 |              |            |



| d-d1    | Code             | Price Net  |
|---------|------------------|------------|
| 280-200 | BOR-R/11-280-200 | 117,29 €   |
| 280-225 | BOR-R/11-280-225 | 121,46 €   |
| 280-250 | BOR-R/11-280-250 | 110,42 €   |
| 315-160 | BOR-R/11-315-160 | 168,33 €   |
| 315-200 | BOR-R/11-315-200 | 168,54 €   |
| 315-225 | BOR-R/11-315-225 | 168,54 €   |
| 315-250 | BOR-R/11-315-250 | 172,50 €   |
| 315-280 | BOR-R/11-315-280 | 212,29 €   |
| 355-200 | BOR-R/11-355-200 | 393,54 €   |
| 355-250 | BOR-R/11-355-250 | 420,63 €   |
| 355-280 |                  |            |
| 355-315 | BOR-R/11-355-315 | 495,42 €   |
| 400-200 | BOR-R/11-400-200 | 472,08 €   |
| 400-250 | BOR-R/11-400-250 | 472,08 €   |
| 400-280 |                  |            |
| 400-315 | BOR-R/11-400-315 | 676,88 €   |
| 400-355 | BOR-R/11-400-355 | 676,88 €   |
| 450-315 | BOR-R/11-450-315 | 533,54 €   |
| 450-400 | BOR-R/11-450-400 | 533,54 €   |
| 500-400 | BOR-R/11-500-400 | 721,88 €   |
| 500-450 | BOR-R/11-500-450 | 688,33 €   |
| 560-400 | BOR-R/11-560-400 | 968,54 €   |
| 560-450 | BOR-R/11-560-450 | 982,08 €   |
| 560-500 | BOR-R/11-560-500 | 873,33 €   |
| 630-400 | BOR-R/11-630-400 | 1 252,71 € |
| 630-450 | BOR-R/11-630-450 | 1 242,08 € |
| 630-500 | BOR-R/11-630-500 | 1 204,38 € |
| 630-560 | BOR-R/11-630-560 | 1 160,42 € |



## Injection reducer long PE100 SDR17



| d-d1    | Code         | Price Net |
|---------|--------------|-----------|
| 90-63   | GF-753900872 | 11,88 €   |
| 90-75   | GF-753900870 | 11,88 €   |
| 110-63  | GF-753900877 | 16,04 €   |
| 110-75  |              |           |
| 110-90  | GF-753900876 | 16,04 €   |
| 125-63  | GF-753900882 | 16,88 €   |
| 125-90  | GF-753900881 | 18,54 €   |
| 125-110 | GF-753900880 | 18,54 €   |
| 140-75  | GF-753900886 | 28,33 €   |
| 140-90  | GF-753900887 | 28,33 €   |
| 140-110 | GF-753900884 | 28,33 €   |
| 140-125 | GF-753900885 | 26,88 €   |
| 160-90  | GF-753900888 | 36,04 €   |
| 160-110 | GF-753900890 | 36,04 €   |
| 160-125 | GF-753900889 | 36,04 €   |
| 160-140 | GF-753900831 | 36,04 €   |



| d-d1    | Code             | Price Net |
|---------|------------------|-----------|
| 90-63   |                  |           |
| 90-75   |                  |           |
| 110-63  | BOR-R/17-110-63  | 7,71 €    |
| 110-75  | BOR-R/17-110-75  | 9,38 €    |
| 110-90  | BOR-R/17-110-90  | 9,38 €    |
| 125-63  |                  |           |
| 125-90  | BOR-R/17-125-90  | 9,58 €    |
| 125-110 | BOR-R/17-125-110 | 9,58 €    |
| 140-75  |                  |           |
| 140-90  | BOR-R/17-140-090 | 21,04 €   |
| 140-110 | BOR-R/17-140-110 | 21,04 €   |
| 140-125 | BOR-R/17-140-125 | 21,04 €   |
| 160-90  | BOR-R/17-160-90  | 14,58 €   |
| 160-110 | BOR-R/17-160-110 | 14,58 €   |
| 160-125 | BOR-R/17-160-125 | 15,63 €   |
| 160-140 | BOR-R/17-160-140 | 28,96 €   |



GAS

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SEWERS

## Injection reducer long PE100 SDR17

**+GF+**

GAS / WATER / SEWERS

| d-d1    | Code         | Price Net |
|---------|--------------|-----------|
| 180-90  | GF-753900873 | 42,08 €   |
| 180-110 | GF-753900874 | 42,08 €   |
| 180-125 | GF-753900891 | 45,83 €   |
| 180-140 | GF-753900875 | 45,83 €   |
| 180-160 | GF-753900832 | 43,75 €   |
| 200-110 |              |           |
| 200-125 |              |           |
| 200-140 | GF-753900866 | 53,54 €   |
| 200-160 | GF-753900892 | 50,83 €   |
| 200-180 | GF-753900893 | 50,83 €   |
| 225-090 |              |           |
| 225-110 |              |           |
| 225-125 |              |           |
| 225-140 | GF-753900867 | 85,63 €   |
| 225-160 | GF-753900896 | 81,88 €   |
| 225-180 | GF-753900895 | 81,88 €   |
| 225-200 | GF-753900894 | 81,88 €   |
| 250-125 |              |           |
| 250-160 | GF-753900800 | 118,33 €  |
| 250-180 | GF-753900868 | 133,33 €  |
| 250-200 | GF-753900801 | 118,33 €  |
| 250-225 | GF-753900802 | 118,33 €  |
| 280-200 | GF-753900898 | 167,29 €  |
| 280-225 | GF-753900899 | 167,29 €  |
| 280-250 | GF-753900803 | 137,92 €  |
| 315-160 |              |           |
| 315-200 | GF-753900804 | 137,92 €  |
| 315-225 | GF-753900807 | 137,92 €  |
| 315-250 | GF-753900805 | 137,92 €  |
| 315-280 | GF-753900806 | 210,63 €  |
| 355-200 |              |           |
| 355-250 | GF-753900808 | 637,08 €  |
| 355-280 | GF-753900809 | 591,04 €  |
| 355-315 | GF-753900810 | 595,42 €  |
| 400-200 |              |           |
| 400-250 |              |           |
| 400-280 | GF-753900811 | 949,58 €  |
| 400-315 | GF-753900812 | 870,00 €  |
| 400-355 | GF-753900813 | 833,75 €  |
| 450-400 |              |           |
| 500-315 |              |           |
| 500-355 |              |           |
| 500-400 |              |           |
| 500-450 |              |           |
| 560-400 |              |           |
| 560-450 |              |           |
| 560-500 |              |           |
| 630-400 |              |           |
| 630-450 |              |           |
| 630-500 |              |           |
| 630-560 |              |           |

**TURAN BORFIT**  
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| d-d1    | Code             | Price Net  |
|---------|------------------|------------|
| 180-90  | BOR-R/17-180-90  | 27,50 €    |
| 180-110 | BOR-R/17-180-110 | 27,50 €    |
| 180-125 | BOR-R/17-180-125 | 38,54 €    |
| 180-140 | BOR-R/17-180-140 | 38,54 €    |
| 180-160 | BOR-R/17-180-160 | 37,08 €    |
| 200-110 | BOR-R/17-200-110 | 44,58 €    |
| 200-125 | BOR-R/17-200-125 | 44,58 €    |
| 200-140 | BOR-R/17-200-140 | 44,58 €    |
| 200-160 | BOR-R/17-200-160 | 34,79 €    |
| 200-180 | BOR-R/17-200-180 | 34,79 €    |
| 225-090 | BOR-R/17-225-090 | 63,33 €    |
| 225-110 | BOR-R/17-225-110 | 71,88 €    |
| 225-125 | BOR-R/17-225-125 | 71,88 €    |
| 225-140 | BOR-R/17-225-140 | 71,88 €    |
| 225-160 | BOR-R/17-225-160 | 53,75 €    |
| 225-180 | BOR-R/17-225-180 | 68,33 €    |
| 225-200 | BOR-R/17-225-200 | 49,58 €    |
| 250-125 | BOR-R/17-250-125 | 58,13 €    |
| 250-160 | BOR-R/17-250-160 | 66,04 €    |
| 250-180 |                  |            |
| 250-200 | BOR-R/17-250-200 | 66,04 €    |
| 250-225 | BOR-R/17-250-225 | 67,50 €    |
| 280-200 | BOR-R/17-280-200 | 117,29 €   |
| 280-225 | BOR-R/17-280-225 | 106,88 €   |
| 280-250 | BOR-R/17-280-250 | 100,63 €   |
| 315-160 | BOR-R/17-315-160 | 166,88 €   |
| 315-200 | BOR-R/17-315-200 | 134,38 €   |
| 315-225 | BOR-R/17-315-225 | 134,38 €   |
| 315-250 | BOR-R/17-315-250 | 134,38 €   |
| 315-280 | BOR-R/17-315-280 | 166,88 €   |
| 355-200 | BOR-R/17-355-200 | 353,75 €   |
| 355-250 | BOR-R/17-355-250 | 362,08 €   |
| 355-280 |                  |            |
| 355-315 | BOR-R/17-355-315 | 445,83 €   |
| 400-200 | BOR-R/17-400-200 | 425,00 €   |
| 400-250 | BOR-R/17-400-250 | 425,00 €   |
| 400-280 |                  |            |
| 400-315 | BOR-R/17-400-315 | 608,54 €   |
| 400-355 | BOR-R/17-400-355 | 608,54 €   |
| 450-400 | BOR-R/17-450-400 | 608,54 €   |
| 500-315 | BOR-R/17-500-315 | 537,29 €   |
| 500-355 | BOR-R/17-500-355 | 537,29 €   |
| 500-400 | BOR-R/17-500-400 | 545,83 €   |
| 500-450 | BOR-R/17-500-450 | 491,25 €   |
| 560-400 | BOR-R/17-560-400 | 761,67 €   |
| 560-450 | BOR-R/17-560-450 | 756,46 €   |
| 560-500 | BOR-R/17-560-500 | 680,00 €   |
| 630-400 | BOR-R/17-630-400 | 1 012,50 € |
| 630-450 | BOR-R/17-630-450 | 982,08 €   |
| 630-500 | BOR-R/17-630-500 | 925,42 €   |
| 630-560 | BOR-R/17-630-560 | 852,08 €   |



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## Flange adaptor long PE100 SDR11

**+GF+**

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| d   | Code         | Price Net  |
|-----|--------------|------------|
| 20  | GF-753800006 | 2,50 €     |
| 25  | GF-753800007 | 2,50 €     |
| 32  | GF-753800008 | 3,33 €     |
| 40  | GF-753800009 | 3,75 €     |
| 50  | GF-753800010 | 4,17 €     |
| 63  | GF-753800011 | 5,42 €     |
| 75  | GF-753800012 | 6,67 €     |
| 90  | GF-753800013 | 8,96 €     |
| 110 | GF-753800014 | 10,42 €    |
| 125 | GF-753800015 | 12,71 €    |
| 140 | GF-753800016 | 17,29 €    |
| 160 | GF-753800017 | 23,33 €    |
| 180 | GF-753800018 | 29,38 €    |
| 200 | GF-753800019 | 33,75 €    |
| 225 | GF-753800020 | 40,83 €    |
| 250 | GF-753800021 | 66,25 €    |
| 280 | GF-753800022 | 86,67 €    |
| 315 | GF-753800023 | 110,00 €   |
| 355 | GF-753800024 | 207,29 €   |
| 400 | GF-753800025 | 593,75 €   |
| 450 | GF-753800026 | 677,08 €   |
| 500 | GF-753800027 | 770,83 €   |
| 560 | GF-753800028 | 1 187,50 € |
| 630 | GF-753800029 | 1 468,75 € |
| 710 | GF-753800030 | 2 929,58 € |
| 800 | GF-753800033 | 3 588,54 € |

**TURAN BORFIT**

WATER / SEWERS

| d   | Code          | Price Net |
|-----|---------------|-----------|
| 20  |               |           |
| 25  |               |           |
| 32  |               |           |
| 40  |               |           |
| 50  |               |           |
| 63  | BOR-TL/11-063 | 4,58 €    |
| 75  | BOR-TL/11-075 | 5,21 €    |
| 90  | BOR-TL/11-090 | 6,67 €    |
| 110 | BOR-TL/11-110 | 8,13 €    |
| 125 | BOR-TL/11-125 | 10,00 €   |
| 140 | BOR-TL/11-140 | 15,63 €   |
| 160 | BOR-TL/11-160 | 20,42 €   |
| 180 | BOR-TL/11-180 | 26,88 €   |
| 200 | BOR-TL/11-200 | 31,88 €   |
| 225 | BOR-TL/11-225 | 39,38 €   |
| 250 | BOR-TL/11-250 | 58,13 €   |
| 280 | BOR-TL/11-280 | 73,96 €   |
| 315 | BOR-TL/11-315 | 95,83 €   |
| 355 | BOR-TL/11-355 | 146,04 €  |
| 400 | BOR-TL/11-400 | 285,42 €  |
| 450 | BOR-TL/11-450 | 421,46 €  |
| 500 | BOR-TL/11-500 | 491,88 €  |
| 560 | BOR-TL/11-560 | 723,96 €  |
| 630 | BOR-TL/11-630 | 773,33 €  |
| 710 |               |           |
| 800 |               |           |



## Flange adaptor long PE100 SDR17

**+GF+**

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| d    | Code         | Price Net  |
|------|--------------|------------|
| 50   | GF-753800085 | 3,96 €     |
| 63   | GF-753800086 | 4,38 €     |
| 75   | GF-753800087 | 6,25 €     |
| 90   | GF-753800088 | 8,13 €     |
| 110  | GF-753800089 | 9,79 €     |
| 125  | GF-753800090 | 12,08 €    |
| 140  | GF-753800091 | 16,25 €    |
| 160  | GF-753800092 | 17,92 €    |
| 180  | GF-753800093 | 27,92 €    |
| 200  | GF-753800094 | 31,46 €    |
| 225  | GF-753800095 | 33,96 €    |
| 250  | GF-753800096 | 51,25 €    |
| 280  | GF-753800097 | 77,71 €    |
| 315  | GF-753800098 | 102,29 €   |
| 355  | GF-753800299 | 193,75 €   |
| 400  | GF-753800300 | 289,58 €   |
| 450  | GF-753800301 | 635,42 €   |
| 500  | GF-753800302 | 645,83 €   |
| 560  | GF-753800303 | 750,00 €   |
| 630  | GF-753800304 | 900,00 €   |
| 710  | GF-753800105 | 2 435,83 € |
| 800  | GF-753800106 | 2 937,29 € |
| 900  | GF-753800107 | on request |
| 1000 | GF-753800108 | on request |

**TURAN BORFIT**

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| d    | Code          | Price Net |
|------|---------------|-----------|
| 50   |               |           |
| 63   |               |           |
| 75   |               |           |
| 90   | BOR-TL/17-090 | 6,67 €    |
| 110  | BOR-TL/17-110 | 8,13 €    |
| 125  | BOR-TL/17-125 | 10,00 €   |
| 140  | BOR-TL/17-140 | 13,33 €   |
| 160  | BOR-TL/17-160 | 16,04 €   |
| 180  | BOR-TL/17-180 | 20,42 €   |
| 200  | BOR-TL/17-200 | 28,33 €   |
| 225  | BOR-TL/17-225 | 31,67 €   |
| 250  | BOR-TL/17-250 | 47,29 €   |
| 280  | BOR-TL/17-280 | 62,50 €   |
| 315  | BOR-TL/17-315 | 79,79 €   |
| 355  | BOR-TL/17-355 | 126,88 €  |
| 400  | BOR-TL/17-400 | 259,38 €  |
| 450  | BOR-TL/17-450 | 366,67 €  |
| 500  | BOR-TL/17-500 | 406,25 €  |
| 560  | BOR-TL/17-560 | 516,04 €  |
| 630  | BOR-TL/17-630 | 681,46 €  |
| 710  |               |           |
| 800  |               |           |
| 900  |               |           |
| 1000 |               |           |



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## Steel flange PN16, PN10



## PN16

| DN/d      | Code           | Price Net  |
|-----------|----------------|------------|
| 20/25     | XK-ST-020/025  | 5,83 €     |
| 25/32     | XK-ST-025/032  | 6,46 €     |
| 32/40     | XK-ST-032/040  | 10,00 €    |
| 40/50     | XK-ST-040/050  | 12,08 €    |
| 50/63     | XK-ST-050/063  | 14,58 €    |
| 65/75     | XK-ST-065/075  | 16,04 €    |
| 80/90     | XK-ST-080/090  | 19,58 €    |
| 100/110   | XK-ST-100/110  | 22,29 €    |
| 100/125   | XK-ST-100/125  | 22,29 €    |
| 125/125   | XK-ST-125/125  | 31,25 €    |
| 125/140   | XK-ST-125/140  | 31,25 €    |
| 150/160   | XK-ST-150/160  | 33,54 €    |
| 150/180   | XK-ST-150/180  | 33,54 €    |
| 200/200   | XK-ST-200/200A | 51,46 €    |
| 200/225   | XK-ST-200/225A | 51,46 €    |
| 250/250   | XK-ST-250/250A | 99,58 €    |
| 250/280   | XK-ST-250/280A | 99,58 €    |
| 300/315   | XK-ST-300/315A | 135,42 €   |
| 350/355   | XK-ST-350/355A | 203,75 €   |
| 400/400   | XK-ST-400/400A | 295,00 €   |
| 450/450   | XK-ST-450/450A | 454,58 €   |
| 500/450   | XK-ST-500/450A | 561,25 €   |
| 500/500   | XK-ST-500/500A | 520,21 €   |
| 600/560   | XK-ST-600/560A | 802,71 €   |
| 600/630   | XK-ST-600/600A | 768,75 €   |
| 700/710   | XK-ST-700/710A | on request |
| 800/800   | XK-ST-800/800A | on request |
| 900/900   | XK-ST-900/900A | on request |
| 1000/1000 | XK-ST-000/000A | on request |



## PN10

| DN/d      | Code          | Price Net  |
|-----------|---------------|------------|
| 20/25     | XK-ST-020/025 | 5,83 €     |
| 25/32     | XK-ST-025/032 | 6,46 €     |
| 32/40     | XK-ST-032/040 | 10,00 €    |
| 40/50     | XK-ST-040/050 | 12,08 €    |
| 50/63     | XK-ST-050/063 | 14,58 €    |
| 65/75     | XK-ST-065/075 | 16,04 €    |
| 80/90     | XK-ST-080/090 | 19,58 €    |
| 100/110   | XK-ST-100/110 | 22,29 €    |
| 100/125   | XK-ST-100/125 | 22,29 €    |
| 125/125   | XK-ST-125/125 | 31,25 €    |
| 125/140   | XK-ST-125/140 | 31,25 €    |
| 150/160   | XK-ST-150/160 | 33,54 €    |
| 150/180   | XK-ST-150/180 | 33,54 €    |
| 200/200   | XK-ST-200/200 | 43,33 €    |
| 200/225   | XK-ST-200/225 | 43,33 €    |
| 250/250   | XK-ST-250/250 | 71,46 €    |
| 250/280   | XK-ST-250/280 | 71,46 €    |
| 300/315   | XK-ST-300/315 | 96,04 €    |
| 350/355   | XK-ST-350/355 | 135,42 €   |
| 400/400   | XK-ST-400/400 | 215,42 €   |
| 450/450   | XK-ST-450/450 | 301,46 €   |
| 500/450   | XK-ST-500/450 | 356,25 €   |
| 500/500   | XK-ST-500/500 | 348,96 €   |
| 600/560   | XK-ST-600/560 | 563,54 €   |
| 600/630   | XK-ST-600/600 | 531,04 €   |
| 700/710   | XK-ST-700/710 | 732,08 €   |
| 800/800   | XK-ST-800/800 | 1 096,46 € |
| 900/900   | XK-ST-900/900 | 1 333,96 € |
| 1000/1000 | XK-ST-000/000 | 1 449,17 € |



## PP/steel flange PN16, PN10



## PN16

| DN/d    | Code         | Price Net  |
|---------|--------------|------------|
| 20/25   | GF-727700207 | 8,96 €     |
| 25/32   | GF-727700208 | 11,25 €    |
| 32/40   | GF-727700209 | 12,92 €    |
| 40/50   | GF-727700210 | 16,25 €    |
| 50/63   | GF-727700211 | 20,21 €    |
| 65/75   | GF-727700212 | 22,29 €    |
| 80/90   | GF-727700313 | 26,88 €    |
| 100/110 | GF-727700314 | 32,71 €    |
| 100/125 | GF-727700315 | 32,71 €    |
| 125/125 | GF-727700815 | 38,75 €    |
| 125/140 | GF-727700716 | 45,83 €    |
| 150/160 | GF-727700717 | 56,88 €    |
| 150/180 | GF-727700718 | 56,88 €    |
| 200/200 | GF-724700319 | on request |
| 200/225 | GF-724700320 | on request |
| 250/250 | GF-724700321 | on request |
| 250/280 | GF-724700322 | on request |
| 300/315 | GF-724700323 | on request |
| 350/355 | GF-724700324 | on request |
| 400/400 | GF-724700325 | on request |



## PN10

| DN/d    | Code         | Price Net |
|---------|--------------|-----------|
| 20/25   | GF-727700207 | 8,96 €    |
| 25/32   | GF-727700208 | 11,25 €   |
| 32/40   | GF-727700209 | 12,92 €   |
| 40/50   | GF-727700210 | 16,25 €   |
| 50/63   | GF-727700211 | 20,21 €   |
| 65/75   | GF-727700212 | 22,29 €   |
| 80/90   | GF-727700313 | 26,88 €   |
| 100/110 | GF-727700314 | 32,71 €   |
| 100/125 | GF-727700315 | 32,71 €   |
| 125/125 | GF-727700815 | 38,75 €   |
| 125/140 | GF-727700716 | 45,83 €   |
| 150/160 | GF-727700717 | 56,88 €   |
| 150/180 | GF-727700718 | 56,88 €   |
| 200/200 | GF-727700719 | 82,50 €   |
| 200/225 | GF-727700720 | 82,50 €   |
| 250/250 | GF-727700721 | 104,58 €  |
| 250/280 | GF-727700722 | 104,58 €  |
| 300/315 | GF-727700723 | 152,50 €  |
| 350/355 | GF-727700724 | 302,50 €  |
| 400/400 | GF-727700725 | 344,17 €  |



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## Special slim flange SDR11, SDR17



| DN/d           | Code              | d     | N  | Price Net         |
|----------------|-------------------|-------|----|-------------------|
| <b>350/400</b> | PE-WS-100/17-DN/d | 23 mm | 16 | <b>on request</b> |
| <b>400/450</b> | PE-WS-100/17-DN/d | 27 mm | 16 | <b>on request</b> |
| <b>500/560</b> | PE-WS-100/17-DN/d | 27 mm | 20 | <b>on request</b> |

\* d - diameter of holes for mounting screws, N - number of holes for mounting screws



## Couplin type 3007 i 3000 WAGA Multi Joint PLUS



| d          | Code        | Connection Range |                | Price Net         |
|------------|-------------|------------------|----------------|-------------------|
| <b>50</b>  | 709 305 210 | <b>46-71</b>     | <b>46-71</b>   | <b>212,92 €</b>   |
| <b>65</b>  | 709 305 212 | <b>63-90</b>     | <b>63-90</b>   | <b>293,54 €</b>   |
| <b>80</b>  | 709 305 214 | <b>84-105</b>    | <b>84-105</b>  | <b>273,33 €</b>   |
| <b>100</b> | 709 305 216 | <b>104-132</b>   | <b>104-132</b> | <b>318,75 €</b>   |
| <b>125</b> | 709 305 218 | <b>132-155</b>   | <b>132-155</b> | <b>522,29 €</b>   |
| <b>150</b> | 709 305 220 | <b>154-192</b>   | <b>154-192</b> | <b>549,79 €</b>   |
| <b>200</b> | 709 305 224 | <b>192-232</b>   | <b>192-232</b> | <b>870,00 €</b>   |
| <b>225</b> | 709 305 226 | <b>230-268</b>   | <b>230-268</b> | <b>1 053,33 €</b> |
| <b>250</b> | 709 305 228 | <b>267-310</b>   | <b>267-310</b> | <b>1 076,25 €</b> |
| <b>300</b> | 709 305 232 | <b>315-356</b>   | <b>315-356</b> | <b>1 257,92 €</b> |
| <b>350</b> | 709 305 236 | <b>352-393</b>   | <b>352-393</b> | <b>2 968,13 €</b> |
| <b>400</b> | 709 305 240 | <b>392-433</b>   | <b>392-433</b> | <b>3 198,33 €</b> |
| <b>450</b> | 709 305 272 | <b>450-482</b>   | <b>450-482</b> | <b>4 380,42 €</b> |
| <b>500</b> | 709 305 274 | <b>500-532</b>   | <b>500-532</b> | <b>5 184,58 €</b> |
| <b>550</b> | 709 305 276 | <b>548-580</b>   | <b>548-580</b> | <b>5 602,50 €</b> |
| <b>600</b> | 709 305 278 | <b>605-637</b>   | <b>605-637</b> | <b>5 957,50 €</b> |



## Coupling type 3057 i 3050 WAGA Multi Joint PLUS



| d          | Code        | Connection Range |              | Price Net         |
|------------|-------------|------------------|--------------|-------------------|
| <b>50</b>  | 709 355 210 | <b>46-71</b>     | DN 50 PN 16  | <b>181,67 €</b>   |
| <b>65</b>  | 709 355 212 | <b>63-90</b>     | DN 65 PN 16  | <b>234,79 €</b>   |
| <b>80</b>  | 709 355 214 | <b>84-105</b>    | DN 80 PN 16  | <b>257,50 €</b>   |
| <b>100</b> | 709 355 216 | <b>104-132</b>   | DN 100 PN 16 | <b>307,71 €</b>   |
| <b>125</b> | 709 355 218 | <b>132-155</b>   | DN 125 PN 16 | <b>480,83 €</b>   |
| <b>150</b> | 709 355 220 | <b>154-192</b>   | DN 150 PN 16 | <b>449,38 €</b>   |
| <b>200</b> | 709 355 224 | <b>192-232</b>   | DN 200 PN 10 | <b>674,17 €</b>   |
| <b>200</b> | 709 355 225 | <b>192-232</b>   | DN 200 PN 16 | <b>738,33 €</b>   |
| <b>250</b> | 709 355 228 | <b>267-310</b>   | DN 250 PN 10 | <b>861,25 €</b>   |
| <b>250</b> | 709 355 229 | <b>267-310</b>   | DN 250 PN 16 | <b>924,38 €</b>   |
| <b>300</b> | 709 355 232 | <b>315-356</b>   | DN 300 PN 10 | <b>1 060,42 €</b> |
| <b>300</b> | 709 355 233 | <b>315-356</b>   | DN 300 PN 16 | <b>1 116,46 €</b> |
| <b>350</b> | 709 355 236 | <b>352-393</b>   | DN 350 PN 10 | <b>2 305,63 €</b> |
| <b>350</b> | 709 355 237 | <b>352-393</b>   | DN 350 PN 16 | <b>2 424,17 €</b> |
| <b>400</b> | 709 355 238 | <b>392-433</b>   | DN 400 PN 10 | <b>2 504,38 €</b> |
| <b>400</b> | 709 355 239 | <b>392-433</b>   | DN 400 PN 16 | <b>2 624,38 €</b> |
| <b>500</b> | 709 355 274 | <b>500-532</b>   | DN 500 PN 10 | <b>3 544,79 €</b> |
| <b>600</b> | 709 355 278 | <b>605-637</b>   | DN 600 PN 10 | <b>5 393,75 €</b> |



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## Machines for butt welding of polyethylene pipes



| Name                   | Price Net         |
|------------------------|-------------------|
| Welding machine ALH160 | <b>2 400,00 €</b> |

Reducing jaw set:

ø063 - ø075 - ø090 - ø110 - ø125 - ø140 - ø160

|                                        |               |
|----------------------------------------|---------------|
| Pipe types to weld                     | PE - PP       |
| Heater electric power                  | 230V - 1,5kW  |
| Trimmer electric power                 | 230V - 0,75kW |
| Electrical power of the hydraulic unit | 230V - 0,55kW |
| Electric system                        | Monofaze      |
| Total electricity consumption          | 2,8kW         |
| Operating Pressure                     | 100bar        |
| Required generator power               | 4,2kVA        |
| Total gross weight                     | 125kg         |



| Name                  | Price Net         |
|-----------------------|-------------------|
| Welding machine AL250 | <b>4 590,00 €</b> |

Reducing jaw set:

ø075 - ø090 - ø110 - ø125 - ø140 - ø160 - ø180 - ø200 - ø225 - ø250

|                                        |               |
|----------------------------------------|---------------|
| Pipe types to weld                     | PE - PP       |
| Heater electric power                  | 230V - 2,8kW  |
| Trimmer electric power                 | 230V - 0,75kW |
| Electrical power of the hydraulic unit | 230V - 0,55kW |
| Electric system                        | Monofaze      |
| Total electricity consumption          | 4,8kW         |
| Operating Pressure                     | 120bar        |
| Required generator power               | 6,5kVA        |
| Total gross weight                     | 231kg         |



| Name                  | Price Net         |
|-----------------------|-------------------|
| Welding machine AL315 | <b>5 200,00 €</b> |

Reducing jaw set:

ø090 - ø110 - ø125 - ø140 - ø160 - ø180 - ø200 - ø225 - ø250 - ø280 - ø315

|                                        |               |
|----------------------------------------|---------------|
| Pipe types to weld                     | PE - PP       |
| Heater electric power                  | 230V - 3,5kW  |
| Trimmer electric power                 | 230V - 0,75kW |
| Electrical power of the hydraulic unit | 230V - 0,55kW |
| Electric system                        | Monofaze      |
| Total electricity consumption          | 4,8kW         |
| Operating Pressure                     | 120bar        |
| Required generator power               | 8,0kVA        |
| Total gross weight                     | 277kg         |





## Machines for butt welding of polyethylene pipes



| Name                  | Price Net         |
|-----------------------|-------------------|
| Welding machine AL400 | <b>5 850,00 €</b> |

Reducing jaw set:

ø160 - ø180 - ø200 - ø225 - ø250 - ø280 - ø315 - ø355 - ø400

|                                        |               |
|----------------------------------------|---------------|
| Pipe types to weld                     | PE - PP       |
| Heater electric power                  | 380V - 4,5kW  |
| Trimmer electric power                 | 380V - 0,75kW |
| Electrical power of the hydraulic unit | 380V - 0,55kW |
| Electric system                        | Trifaze       |
| Total electricity consumption          | 5,8kW         |
| Operating Pressure                     | 130bar        |
| Required generator power               | 10,0kVA       |
| Total gross weight                     | 365kg         |



| Name                  | Price Net         |
|-----------------------|-------------------|
| Welding machine AL500 | <b>6 560,00 €</b> |

Reducing jaw set:

ø180 - ø200 - ø225 - ø250 - ø280 - ø315 - ø355 - ø400 - ø500

|                                        |               |
|----------------------------------------|---------------|
| Pipe types to weld                     | PE - PP       |
| Heater electric power                  | 380V - 5,5kW  |
| Trimmer electric power                 | 380V - 1,1kW  |
| Electrical power of the hydraulic unit | 380V - 0,55kW |
| Electric system                        | Trifaze       |
| Total electricity consumption          | 7,15kW        |
| Operating Pressure                     | 130bar        |
| Required generator power               | 12,0kVA       |
| Total gross weight                     | 492kg         |



| Name                  | Price Net         |
|-----------------------|-------------------|
| Welding machine AL630 | <b>9 170,00 €</b> |

Reducing jaw set:

ø315 - ø355 - ø400 - ø450 - ø500 - ø560 - ø630

|                                        |               |
|----------------------------------------|---------------|
| Pipe types to weld                     | PE - PP       |
| Heater electric power                  | 380V - 7,5kW  |
| Trimmer electric power                 | 380V - 1,5kW  |
| Electrical power of the hydraulic unit | 380V - 0,75kW |
| Electric system                        | Trifaze       |
| Total electricity consumption          | 9,75kW        |
| Operating Pressure                     | 150bar        |
| Required generator power               | 16,0kVA       |
| Total gross weight                     | 812kg         |





## Machines for butt welding of polyethylene pipes



## Electrofusion welding machines

**+GF+**

| Name                  | Price Net          |
|-----------------------|--------------------|
| Welding machine AL800 | <b>16 670,00 €</b> |

Reducing jaw set:  
 ø500 - ø560 - ø630 - ø710 - ø800

|                                        |               |
|----------------------------------------|---------------|
| Pipe types to weld                     | PE - PP       |
| Heater electric power                  | 380V - 10kW   |
| Trimmer electric power                 | 380V - 1,5kW  |
| Electrical power of the hydraulic unit | 380V - 0,75kW |
| Electric system                        | Trifaze       |
| Total electricity consumption          | 12,25kW       |
| Operating Pressure                     | 160bar        |
| Required generator power               | 20kVA         |
| Total gross weight                     | 1189kg        |



| Name                                  | Price Net         |
|---------------------------------------|-------------------|
| Electrofusion welding machine MSA 315 | <b>on request</b> |

|                           |               |
|---------------------------|---------------|
| ambient temperature range | -10°C do 45°C |
| power supply              | 230 V         |
| frequency                 | 50-60 Hz      |
| welding voltage           | 8 V - 42 V    |
| intensity                 | 70 A          |
| internal storage          | 500 protocols |
| protection class          | IP65          |
| power cord                | 4m            |
| weight                    | 17kg          |

| Name                                  | Price Net         |
|---------------------------------------|-------------------|
| Electrofusion welding machine MSA 330 | <b>on request</b> |

range of welding diameters: ø20 - ø1200

|                           |                |
|---------------------------|----------------|
| ambient temperature range | -10°C do 45°C  |
| power supply              | 230 V / 115 V  |
| frequency                 | 40-70 Hz       |
| welding voltage           | 8 V - 48 V     |
| intensity                 | 100 A          |
| internal storage          | 1000 protocols |
| protection class          | IP65           |
| power cord                | 4m             |
| weight                    | 19kg           |



## Electrofusion welding machines



| Name                                     | Price Net         |
|------------------------------------------|-------------------|
| Electrofusion welding machine I PLAST 60 | <b>1 500,00 €</b> |

**TRANSPORT BOX INCLUDED !**

range of welding diameters:  $\varnothing 20$  -  $\varnothing 400$

|                           |                  |
|---------------------------|------------------|
| ambient temperature range | -10°C do 50°C    |
| power supply              | 230 V            |
| frequency                 | 50 Hz (40-70 Hz) |
| welding voltage           | 8 V - 48 V       |
| intensity                 | 50-100A          |
| nominal power             | 2500W            |
| internal storage          | 7500 protocols   |
| protection class          | IP54             |
| power cord                | 3m               |
| weight                    | 18,5kg           |



| Name                                      | Price Net         |
|-------------------------------------------|-------------------|
| Electrofusion welding machine I PLAST 105 | <b>2 100,00 €</b> |

**TRANSPORT BOX INCLUDED !**

range of welding diameters:  $\varnothing 20$  -  $\varnothing 1600$

|                           |                  |
|---------------------------|------------------|
| ambient temperature range | -10°C do 50°C    |
| power supply              | 230 V            |
| frequency                 | 50 Hz (40-70 Hz) |
| welding voltage           | 8 V - 48 V       |
| intensity                 | 65-120A          |
| nominal power             | 3600W            |
| internal storage          | 7500 protocols   |
| protection class          | IP54             |
| power cord                | 3m               |
| weight                    | 24kg             |

