



1. Kolana doczołowe długie



Kolano 90°
PE 100 SDR 11 (ISO S5)
10 bar gaz / 16 bar woda

| DN | Kod | Cena |
|-----|--------------------|-----------|
| 20 | PE-K-100/11-020/90 | 15,45 |
| 25 | PE-K-100/11-025/90 | 16,10 |
| 32 | PE-K-100/11-032/90 | 17,20 |
| 40 | PE-K-100/11-040/90 | 22,05 |
| 50 | PE-K-100/11-050/90 | 29,25 |
| 63 | PE-K-100/11-063/90 | 50,90 |
| 75 | PE-K-100/11-075/90 | 70,35 |
| 90 | PE-K-100/11-090/90 | 80,85 |
| 110 | PE-K-100/11-110/90 | 141,95 |
| 125 | PE-K-100/11-125/90 | 189,85 |
| 140 | PE-K-100/11-140/90 | 211,80 |
| 160 | PE-K-100/11-160/90 | 278,20 |
| 180 | PE-K-100/11-180/90 | 305,70 |
| 200 | PE-K-100/11-200/90 | 428,10 |
| 225 | PE-K-100/11-225/90 | 510,15 |
| 250 | PE-K-100/11-250/90 | 803,70 |
| 280 | PE-K-100/11-280/90 | 1 352,40 |
| 315 | PE-K-100/11-315/90 | 1 701,75 |
| 355 | PE-K-100/11-355/90 | Na zapyt. |
| 400 | PE-K-100/11-400/90 | Na zapyt. |
| 450 | PE-K-100/11-450/90 | Na zapyt. |
| 500 | PE-K-100/11-500/90 | Na zapyt. |
| 560 | PE-K-100/11-560/90 | Na zapyt. |
| 630 | PE-K-100/11-630/90 | Na zapyt. |



Kolano 90°
PE 100 SDR 17 (ISO S8)
5 bar gaz / 10 bar woda

| DN | Kod | Cena |
|-----|--------------------|-----------|
| 63 | PE-K-100/17-063/90 | Na zapyt. |
| 75 | PE-K-100/17-075/90 | Na zapyt. |
| 90 | PE-K-100/17-090/90 | 72,10 |
| 110 | PE-K-100/17-110/90 | 134,40 |
| 125 | PE-K-100/17-125/90 | 171,20 |
| 140 | PE-K-100/17-140/90 | 210,00 |
| 160 | PE-K-100/17-160/90 | 250,10 |
| 180 | PE-K-100/17-180/90 | 281,40 |
| 200 | PE-K-100/17-200/90 | 384,80 |
| 225 | PE-K-100/17-225/90 | 462,50 |
| 250 | PE-K-100/17-250/90 | 718,00 |
| 280 | PE-K-100/17-280/90 | 1 084,40 |
| 315 | PE-K-100/17-315/90 | 1 356,70 |
| 355 | PE-K-100/17-355/90 | Na zapyt. |
| 400 | PE-K-100/17-400/90 | Na zapyt. |
| 450 | PE-K-100/17-450/90 | Na zapyt. |
| 500 | PE-K-100/17-500/90 | Na zapyt. |
| 560 | PE-K-100/17-560/90 | Na zapyt. |
| 630 | PE-K-100/17-630/90 | Na zapyt. |



Kolano 45°
PE 100 SDR 11 (ISO S5)
10 bar gaz / 16 bar woda

| DN | Kod | Cena |
|-----|--------------------|-----------|
| 20 | PE-K-100/11-020/45 | 13,80 |
| 25 | PE-K-100/11-025/45 | 14,35 |
| 32 | PE-K-100/11-032/45 | 20,80 |
| 40 | PE-K-100/11-040/45 | 26,15 |
| 50 | PE-K-100/11-050/45 | 29,80 |
| 63 | PE-K-100/11-063/45 | 50,90 |
| 75 | PE-K-100/11-075/45 | 71,90 |
| 90 | PE-K-100/11-090/45 | 80,85 |
| 110 | PE-K-100/11-110/45 | 125,05 |
| 125 | PE-K-100/11-125/45 | 189,85 |
| 140 | PE-K-100/11-140/45 | 211,75 |
| 160 | PE-K-100/11-160/45 | 278,20 |
| 180 | PE-K-100/11-180/45 | 315,60 |
| 200 | PE-K-100/11-200/45 | 429,95 |
| 225 | PE-K-100/11-225/45 | 512,45 |
| 250 | PE-K-100/11-250/45 | 840,30 |
| 280 | PE-K-100/11-280/45 | 1 266,70 |
| 315 | PE-K-100/11-315/45 | 1 538,85 |
| 355 | PE-K-100/11-355/45 | Na zapyt. |
| 400 | PE-K-100/11-400/45 | Na zapyt. |
| 450 | PE-K-100/11-450/45 | Na zapyt. |
| 500 | PE-K-100/11-500/45 | Na zapyt. |



Kolano 45°
PE 100 SDR 17 (ISO S8)
5 bar gaz / 10 bar woda

| DN | Kod | Cena |
|-----|--------------------|-----------|
| 63 | PE-K-100/17-063/45 | Na zapyt. |
| 75 | PE-K-100/17-075/45 | Na zapyt. |
| 90 | PE-K-100/17-090/45 | 72,10 |
| 110 | PE-K-100/17-110/45 | 117,65 |
| 125 | PE-K-100/17-125/45 | 171,20 |
| 140 | PE-K-100/17-140/45 | 210,00 |
| 160 | PE-K-100/17-160/45 | 250,10 |
| 180 | PE-K-100/17-180/45 | 281,40 |
| 200 | PE-K-100/17-200/45 | 384,80 |
| 225 | PE-K-100/17-225/45 | 462,50 |
| 250 | PE-K-100/17-250/45 | 722,35 |
| 280 | PE-K-100/17-280/45 | 1 091,00 |
| 315 | PE-K-100/17-315/45 | 1 356,70 |
| 355 | PE-K-100/17-355/90 | Na zapyt. |
| 400 | PE-K-100/17-400/90 | Na zapyt. |
| 450 | PE-K-100/17-450/90 | Na zapyt. |
| 500 | PE-K-100/17-500/90 | Na zapyt. |



Kolana 30° i 15°
PE 100 SDR 11 (ISO S5)
 16 bar woda
 Kształtki zgrzewane segmentowo

| DN | Kod | Cena |
|-----|-------------------|----------|
| 32 | PE-K-100/11-032/* | 59,65 |
| 40 | PE-K-100/11-040/* | 73,85 |
| 50 | PE-K-100/11-050/* | 83,85 |
| 63 | PE-K-100/11-063/* | 149,65 |
| 75 | PE-K-100/11-075/* | 217,65 |
| 90 | PE-K-100/11-090/* | 261,00 |
| 110 | PE-K-100/11-110/* | 326,85 |
| 125 | PE-K-100/11-125/* | 381,95 |
| 140 | PE-K-100/11-140/* | 467,65 |
| 160 | PE-K-100/11-160/* | 692,80 |
| 180 | PE-K-100/11-180/* | 772,90 |
| 200 | PE-K-100/11-200/* | 1 053,90 |
| 225 | PE-K-100/11-225/* | 1 250,95 |
| 250 | PE-K-100/11-250/* | 2 037,75 |
| 280 | PE-K-100/11-280/* | 2 897,30 |
| 315 | PE-K-100/11-315/* | 3 382,30 |

* kąt (30 dla kąta °; 15 dla kąta 15°)



Kolana 30° i 15°
PE 100 SDR 17 (ISO S8)
 10 bar woda
 Kształtki zgrzewane segmentowo

| DN | Kod | Cena |
|-----|-------------------|----------|
| 90 | PE-K-100/17-090/* | 231,85 |
| 110 | PE-K-100/17-110/* | 287,80 |
| 125 | PE-K-100/17-125/* | 359,15 |
| 140 | PE-K-100/17-140/* | 391,90 |
| 160 | PE-K-100/17-160/* | 621,40 |
| 180 | PE-K-100/17-180/* | 686,20 |
| 200 | PE-K-100/17-200/* | 942,55 |
| 225 | PE-K-100/17-225/* | 1 126,30 |
| 250 | PE-K-100/17-250/* | 1 836,80 |
| 280 | PE-K-100/17-280/* | 2 612,90 |
| 315 | PE-K-100/17-315/* | 3 042,85 |

* kąt (30 dla kąta °; 15 dla kąta 15°)

2. Łuki formowane



Łuk 90°
PE 100 SDR 11 (ISO S5)
 10 bar gaz / 16 bar woda
 Kształtki formowane od d 355 mm

| DN | Kod | Cena |
|-----|----------------------|-----------|
| 32 | PE-KLF-100/11-032/90 | 20,70 |
| 40 | PE-KLF-100/11-040/90 | 25,45 |
| 50 | PE-KLF-100/11-050/90 | 34,80 |
| 63 | PE-KLF-100/11-063/90 | 79,10 |
| 75 | PE-KLF-100/11-075/90 | 96,85 |
| 90 | PE-KLF-100/11-090/90 | 102,40 |
| 110 | PE-KLF-100/11-110/90 | 161,95 |
| 125 | PE-KLF-100/11-125/90 | 240,00 |
| 140 | PE-KLF-100/11-140/90 | 368,65 |
| 160 | PE-KLF-100/11-160/90 | 386,25 |
| 180 | PE-KLF-100/11-180/90 | 486,15 |
| 200 | PE-KLF-100/11-200/90 | 511,60 |
| 225 | PE-KLF-100/11-225/90 | 678,15 |
| 250 | PE-KLF-100/11-250/90 | 1 053,50 |
| 280 | PE-KLF-100/11-280/90 | 1 368,15 |
| 315 | PE-KLF-100/11-315/90 | 1 892,75 |
| 355 | PE-KLF-100/11-355/90 | 4 524,50 |
| 400 | PE-KLF-100/11-400/90 | 5 187,60 |
| 450 | PE-KLF-100/11-450/90 | Na zapyt. |
| 500 | PE-KLF-100/11-500/90 | Na zapyt. |
| 560 | PE-KLF-100/11-560/90 | Na zapyt. |
| 630 | PE-KLF-100/11-630/90 | Na zapyt. |
| 710 | PE-KLF-100/11-710/90 | Na zapyt. |
| 800 | PE-KLF-100/11-800/90 | Na zapyt. |



Łuk 90°
PE 100 SDR 17 (ISO S8)
 5 bar gaz / 10 bar woda
 Kształtki formowane od d 355 mm

| DN | Kod | Cena |
|-----|----------------------|-----------|
| 63 | PE-KLF-100/17-063/90 | Na zapyt. |
| 75 | PE-KLF-100/17-075/90 | Na zapyt. |
| 90 | PE-KLF-100/17-090/90 | 133,50 |
| 110 | PE-KLF-100/17-110/90 | 167,30 |
| 125 | PE-KLF-100/17-125/90 | 193,55 |
| 140 | PE-KLF-100/17-140/90 | 223,40 |
| 160 | PE-KLF-100/17-160/90 | 252,15 |
| 180 | PE-KLF-100/17-180/90 | 402,95 |
| 200 | PE-KLF-100/17-200/90 | 484,20 |
| 225 | PE-KLF-100/17-225/90 | 571,15 |
| 250 | PE-KLF-100/17-250/90 | 947,70 |
| 280 | PE-KLF-100/17-280/90 | 1 230,55 |
| 315 | PE-KLF-100/17-315/90 | 1 702,90 |
| 355 | PE-KLF-100/17-355/90 | 3 007,40 |
| 400 | PE-KLF-100/17-400/90 | 4 227,45 |
| 450 | PE-KLF-100/17-450/90 | Na zapyt. |
| 500 | PE-KLF-100/17-500/90 | Na zapyt. |
| 560 | PE-KLF-100/17-560/90 | Na zapyt. |
| 630 | PE-KLF-100/17-630/90 | Na zapyt. |
| 710 | PE-KLF-100/17-710/90 | Na zapyt. |
| 800 | PE-KLF-100/17-800/90 | Na zapyt. |

w standardzie: w średnicach d 32+315 promień R=1,0 DN; w średnicach d 315+630 promień R=1,5 DN; w średnicach d 710+800 promień wg katalogu;



Łuk 60°
PE 100 SDR 11 (ISO S5)
 10 bar gaz / 16 bar woda
 Kształtki formowane

| DN | Kod | Cena |
|-----|----------------------|-----------|
| 32 | PE-KLF-100/11-032/60 | 143,80 |
| 40 | PE-KLF-100/11-040/60 | 157,10 |
| 50 | PE-KLF-100/11-050/60 | 218,25 |
| 63 | PE-KLF-100/11-063/60 | 305,70 |
| 75 | PE-KLF-100/11-075/60 | 336,80 |
| 90 | PE-KLF-100/11-090/60 | 375,05 |
| 110 | PE-KLF-100/11-110/60 | 427,95 |
| 125 | PE-KLF-100/11-125/60 | 552,00 |
| 140 | PE-KLF-100/11-140/60 | 625,75 |
| 160 | PE-KLF-100/11-160/60 | 740,40 |
| 180 | PE-KLF-100/11-180/60 | 1 221,80 |
| 200 | PE-KLF-100/11-200/60 | 1 480,00 |
| 225 | PE-KLF-100/11-225/60 | 1 755,45 |
| 250 | PE-KLF-100/11-250/60 | 2 115,20 |
| 280 | PE-KLF-100/11-280/60 | 2 541,65 |
| 315 | PE-KLF-100/11-315/60 | 3 127,50 |
| 355 | PE-KLF-100/11-355/60 | 4 912,00 |
| 400 | PE-KLF-100/11-400/60 | 5 420,00 |
| 450 | PE-KLF-100/11-450/60 | Na zapyt. |
| 500 | PE-KLF-100/11-500/60 | Na zapyt. |
| 560 | PE-KLF-100/11-560/60 | Na zapyt. |
| 630 | PE-KLF-100/11-630/60 | Na zapyt. |

w standardzie promień R=1,5 DN;



Łuk 60°
PE 100 SDR 17 (ISO S8)
 5 bar gaz / 10 bar woda
 Kształtki formowane

| DN | Kod | Cena |
|-----|----------------------|-----------|
| 63 | PE-KLF-100/17-063/60 | Na zapyt. |
| 75 | PE-KLF-100/17-075/60 | Na zapyt. |
| 90 | PE-KLF-100/17-090/60 | 306,20 |
| 110 | PE-KLF-100/17-110/60 | 386,25 |
| 125 | PE-KLF-100/17-125/60 | 440,95 |
| 140 | PE-KLF-100/17-140/60 | 503,90 |
| 160 | PE-KLF-100/17-160/60 | 562,80 |
| 180 | PE-KLF-100/17-180/60 | 893,65 |
| 200 | PE-KLF-100/17-200/60 | 1 076,25 |
| 225 | PE-KLF-100/17-225/60 | 1 268,75 |
| 250 | PE-KLF-100/17-250/60 | 1 587,65 |
| 280 | PE-KLF-100/17-280/60 | 1 772,20 |
| 315 | PE-KLF-100/17-315/60 | 2 304,65 |
| 355 | PE-KLF-100/17-355/60 | 3 131,70 |
| 400 | PE-KLF-100/17-400/60 | 4 471,05 |
| 450 | PE-KLF-100/17-450/60 | Na zapyt. |
| 500 | PE-KLF-100/17-500/60 | Na zapyt. |
| 560 | PE-KLF-100/17-560/60 | Na zapyt. |
| 630 | PE-KLF-100/17-630/60 | Na zapyt. |

w standardzie promień R=1,5 DN;



Łuk 45°
PE 100 SDR 11 (ISO S5)
 10 bar gaz / 16 bar woda
 Kształtki formowane

| DN | Kod | Cena |
|-----|----------------------|-----------|
| 32 | PE-KLF-100/11-032/45 | 143,80 |
| 40 | PE-KLF-100/11-040/45 | 156,80 |
| 50 | PE-KLF-100/11-050/45 | 194,90 |
| 63 | PE-KLF-100/11-063/45 | 303,65 |
| 75 | PE-KLF-100/11-075/45 | 362,55 |
| 90 | PE-KLF-100/11-090/45 | 370,70 |
| 110 | PE-KLF-100/11-110/45 | 481,45 |
| 125 | PE-KLF-100/11-125/45 | 539,40 |
| 140 | PE-KLF-100/11-140/45 | 610,10 |
| 160 | PE-KLF-100/11-160/45 | 718,75 |
| 180 | PE-KLF-100/11-180/45 | 1 192,25 |
| 200 | PE-KLF-100/11-200/45 | 1 442,10 |
| 225 | PE-KLF-100/11-225/45 | 1 720,20 |
| 250 | PE-KLF-100/11-250/45 | 2 044,05 |
| 280 | PE-KLF-100/11-280/45 | 2 444,40 |
| 315 | PE-KLF-100/11-315/45 | 2 981,05 |
| 355 | PE-KLF-100/11-355/45 | 4 813,30 |
| 400 | PE-KLF-100/11-400/45 | 5 293,80 |
| 450 | PE-KLF-100/11-450/45 | Na zapyt. |
| 500 | PE-KLF-100/11-500/45 | Na zapyt. |
| 560 | PE-KLF-100/11-560/45 | Na zapyt. |
| 630 | PE-KLF-100/11-630/45 | Na zapyt. |

w standardzie promień R=1,5 DN;



Łuk 45°
PE 100 SDR 17 (ISO S8)
 5 bar gaz / 10 bar woda
 Kształtki formowane

| DN | Kod | Cena |
|-----|----------------------|-----------|
| 63 | PE-KLF-100/17-063/45 | Na zapyt. |
| 75 | PE-KLF-100/17-075/45 | Na zapyt. |
| 90 | PE-KLF-100/17-090/45 | 303,15 |
| 110 | PE-KLF-100/17-110/45 | 381,10 |
| 125 | PE-KLF-100/17-125/45 | 433,05 |
| 140 | PE-KLF-100/17-140/45 | 495,25 |
| 160 | PE-KLF-100/17-160/45 | 549,60 |
| 180 | PE-KLF-100/17-180/45 | 873,75 |
| 200 | PE-KLF-100/17-200/45 | 1 051,85 |
| 225 | PE-KLF-100/17-225/45 | 1 247,95 |
| 250 | PE-KLF-100/17-250/45 | 1 537,50 |
| 280 | PE-KLF-100/17-280/45 | 1 709,40 |
| 315 | PE-KLF-100/17-315/45 | 2 210,30 |
| 355 | PE-KLF-100/17-355/45 | 3 201,25 |
| 400 | PE-KLF-100/17-400/45 | 4 306,15 |
| 450 | PE-KLF-100/17-450/45 | Na zapyt. |
| 500 | PE-KLF-100/17-500/45 | Na zapyt. |
| 560 | PE-KLF-100/17-560/45 | Na zapyt. |
| 630 | PE-KLF-100/17-630/45 | Na zapyt. |

w standardzie promień R=1,5 DN;



Łuk 30°, 22°, 11°
PE 100 SDR 11 (ISO S5)
 10 bar gaz / 16 bar woda
 Kształtki formowane

| DN | Kod | Cena |
|-----|---------------------|-----------|
| 32 | PE-KLF-100/11-032/* | 143,80 |
| 40 | PE-KLF-100/11-040/* | 157,10 |
| 50 | PE-KLF-100/11-050/* | 216,50 |
| 63 | PE-KLF-100/11-063/* | 302,85 |
| 75 | PE-KLF-100/11-075/* | 331,85 |
| 90 | PE-KLF-100/11-090/* | 367,50 |
| 110 | PE-KLF-100/11-110/* | 475,55 |
| 125 | PE-KLF-100/11-125/* | 529,85 |
| 140 | PE-KLF-100/11-140/* | 596,15 |
| 160 | PE-KLF-100/11-160/* | 699,90 |
| 180 | PE-KLF-100/11-180/* | 1 170,80 |
| 200 | PE-KLF-100/11-200/* | 1 418,40 |
| 225 | PE-KLF-100/11-225/* | 1 692,90 |
| 250 | PE-KLF-100/11-250/* | 1 973,50 |
| 280 | PE-KLF-100/11-280/* | 2 243,05 |
| 315 | PE-KLF-100/11-315/* | 2 845,50 |
| 355 | PE-KLF-100/11-355/* | 4 813,30 |
| 400 | PE-KLF-100/11-400/* | 5 293,80 |
| 450 | PE-KLF-100/11-450/* | Na zapyt. |
| 500 | PE-KLF-100/11-500/* | Na zapyt. |
| 560 | PE-KLF-100/11-560/* | Na zapyt. |
| 630 | PE-KLF-100/11-630/* | Na zapyt. |

* kąt (30 dla kąta °; 22 dla kąta 22°; 11 dla kąta 11°)
 w standardzie promień R=1,5 DN;



Łuk 30°, 22°, 11°
PE 100 SDR 17 (ISO S8)
 5 bar gaz / 10 bar woda
 Kształtki formowane

| DN | Kod | Cena |
|-----|---------------------|-----------|
| 63 | PE-KLF-100/17-063/* | Na zapyt. |
| 75 | PE-KLF-100/17-075/* | Na zapyt. |
| 90 | PE-KLF-100/17-090/* | 301,60 |
| 110 | PE-KLF-100/17-110/* | 377,00 |
| 125 | PE-KLF-100/17-125/* | 426,65 |
| 140 | PE-KLF-100/17-140/* | 486,90 |
| 160 | PE-KLF-100/17-160/* | 536,95 |
| 180 | PE-KLF-100/17-180/* | 859,25 |
| 200 | PE-KLF-100/17-200/* | 1 037,85 |
| 225 | PE-KLF-100/17-225/* | 1 230,55 |
| 250 | PE-KLF-100/17-250/* | 1 487,55 |
| 280 | PE-KLF-100/17-280/* | 1 645,95 |
| 315 | PE-KLF-100/17-315/* | 2 124,10 |
| 355 | PE-KLF-100/17-355/* | 3 102,25 |
| 400 | PE-KLF-100/17-400/* | 4 306,15 |
| 450 | PE-KLF-100/17-450/* | Na zapyt. |
| 500 | PE-KLF-100/17-500/* | Na zapyt. |
| 560 | PE-KLF-100/17-560/* | Na zapyt. |
| 630 | PE-KLF-100/17-630/* | Na zapyt. |

* kąt (30 dla kąta °; 22 dla kąta 22°; 11 dla kąta 11°)
 w standardzie promień R=1,5 DN;

3. Trójniki doczołowe długie



Trójnik 90° równoprzelotowy
PE 100 SDR 11 (ISO S5)
 10 bar gaz / 16 bar woda

| DN | Kod | Cena |
|-----|-----------------|-----------|
| 20 | PE-T-100/11-020 | 17,10 |
| 25 | PE-T-100/11-025 | 19,60 |
| 32 | PE-T-100/11-032 | 23,20 |
| 40 | PE-T-100/11-040 | 28,25 |
| 50 | PE-T-100/11-050 | 36,80 |
| 63 | PE-T-100/11-063 | 48,40 |
| 75 | PE-T-100/11-075 | 76,85 |
| 90 | PE-T-100/11-090 | 118,55 |
| 110 | PE-T-100/11-110 | 160,50 |
| 125 | PE-T-100/11-125 | 237,45 |
| 140 | PE-T-100/11-140 | 359,05 |
| 160 | PE-T-100/11-160 | 416,75 |
| 180 | PE-T-100/11-180 | 576,40 |
| 200 | PE-T-100/11-200 | 850,25 |
| 225 | PE-T-100/11-225 | 1 006,65 |
| 250 | PE-T-100/11-250 | 1 350,15 |
| 280 | PE-T-100/11-280 | 1 736,15 |
| 315 | PE-T-100/11-315 | 2 593,35 |
| 355 | PE-T-100/11-355 | 3 913,70 |
| 400 | PE-T-100/11-400 | 5 848,65 |
| 450 | PE-T-100/11-450 | Na zapyt. |
| 500 | PE-T-100/11-500 | Na zapyt. |
| 630 | PE-T-100/11-630 | Na zapyt. |



Trójnik 90° równoprzelotowy
PE 100 SDR 17 (ISO S8)
 5 bar gaz / 10 bar woda

| DN | Kod | Cena |
|-----|-----------------|-----------|
| 63 | PE-T-100/17-063 | Na zapyt. |
| 75 | PE-T-100/17-075 | Na zapyt. |
| 90 | PE-T-100/17-090 | 100,65 |
| 110 | PE-T-100/17-110 | 143,60 |
| 125 | PE-T-100/17-125 | 202,00 |
| 140 | PE-T-100/17-140 | 307,25 |
| 160 | PE-T-100/17-160 | 356,00 |
| 180 | PE-T-100/17-180 | 503,35 |
| 200 | PE-T-100/17-200 | 716,50 |
| 225 | PE-T-100/17-225 | 854,70 |
| 250 | PE-T-100/17-250 | 975,20 |
| 280 | PE-T-100/17-280 | 1 478,90 |
| 315 | PE-T-100/17-315 | 1 890,35 |
| 355 | PE-T-100/17-355 | 3 743,45 |
| 400 | PE-T-100/17-400 | 4 380,10 |
| 450 | PE-T-100/17-450 | Na zapyt. |
| 500 | PE-T-100/17-500 | Na zapyt. |
| 560 | PE-T-100/17-560 | Na zapyt. |
| 630 | PE-T-100/17-630 | Na zapyt. |

Trójniki w średnicach do DN 800 w SDR 11 i DN SDR 17 – na zapytanie.
 (Kształtki grzewane segmentowo o wzmocnionej konstrukcji).



Trójnik 90° redukcyjny
PE 100 SDR 11 (ISO S5)
10 bar gaz / 16 bar woda

| DN-d | Kod | Cena |
|---------|-----------------------|-----------|
| 63- 50 | PE-TR-100/11-063/050 | 66,65 |
| 75- 32 | PE-TR-100/11-075/032 | Na zapyt. |
| 75- 50 | PE-TR-100/11-070-0-50 | Na zapyt. |
| 75- 63 | PE-TR-100/11-075/063 | Na zapyt. |
| 90- 50 | PE-TR-100/11-090/050 | 114,55 |
| 90- 63 | PE-TR-100/11-090/063 | 114,55 |
| 90- 75 | PE-TR-100/11-090/075 | 149,85 |
| 110- 63 | PE-TR-100/11-110/063 | 169,35 |
| 110- 75 | PE-TR-100/11-110/075 | 220,65 |
| 110- 90 | PE-TR-100/11-110/090 | 169,35 |
| 125-90 | PE-TR-100/11-125/090 | 256,15 |
| 125-110 | PE-TR-100/11-125/110 | 298,10 |
| 140-90 | PE-TR-100/11-140/090 | 373,60 |
| 140-110 | PE-TR-100/11-140/110 | 517,05 |
| 160- 63 | PE-TR-100/11-160/063 | 473,80 |
| 160- 75 | PE-TR-100/11-160/075 | 473,80 |
| 160- 90 | PE-TR-100/11-160/090 | 473,80 |
| 160-110 | PE-TR-100/11-160/110 | 473,80 |
| 180-90 | PE-TR-100/11-180/090 | 636,15 |
| 180-110 | PE-TR-100/11-180/110 | 636,15 |
| 180-160 | PE-TR-100/11-180/160 | 799,40 |
| 200- 63 | PE-TR-100/11-200/063 | 939,15 |
| 200- 90 | PE-TR-100/11-200/090 | 939,15 |
| 200-110 | PE-TR-100/11-200/110 | 939,15 |
| 200-160 | PE-TR-100/11-200/160 | 939,15 |
| 225- 75 | PE-TR-100/11-225/075 | Na zapyt. |
| 225- 90 | PE-TR-100/11-225/090 | 1 130,10 |
| 225-110 | PE-TR-100/11-225/110 | 1 130,10 |
| 225-160 | PE-TR-100/11-225/160 | 1 130,10 |
| 225-180 | PE-TR-100/11-225/180 | 1 130,10 |
| 250-110 | PE-TR-100/11-250/110 | 1 846,80 |
| 250-160 | PE-TR-100/11-250/160 | 1 846,80 |
| 315-110 | PE-TR-100/11-315/110 | 2 915,20 |
| 315-160 | PE-TR-100/11-315/160 | 2 915,20 |
| 315-225 | PE-TR-100/11-315/225 | 3 049,95 |
| 315-250 | PE-TR-100/11-315/250 | 3 049,95 |



Trójnik 90° redukcyjny
PE 100 SDR 17 (ISO S5)
10 bar gaz / 16 bar woda

| DN | Kod | Cena |
|---------|----------------------|-----------|
| 63- 50 | PE-TR-100/17-063/050 | 61,50 |
| 90- 50 | PE-TR-100/17-090/050 | 104,65 |
| 90- 63 | PE-TR-100/17-090/063 | 104,65 |
| 90- 75 | PE-TR-100/17-090/075 | 134,10 |
| 110- 63 | PE-TR-100/17-110/063 | 154,00 |
| 110- 75 | PE-TR-100/17-110/075 | 197,25 |
| 110- 90 | PE-TR-100/17-110/090 | 154,00 |
| 125-90 | PE-TR-100/17-125/090 | 233,00 |
| 125-110 | PE-TR-100/17-125/110 | 260,00 |
| 140-90 | PE-TR-100/17-140/090 | 340,20 |
| 140-110 | PE-TR-100/17-140/110 | 470,00 |
| 160- 63 | PE-TR-100/17-160/063 | 431,40 |
| 160- 75 | PE-TR-100/17-160/075 | 431,40 |
| 160- 90 | PE-TR-100/17-160/090 | 431,40 |
| 160-110 | PE-TR-100/17-160/110 | 431,40 |
| 180-90 | PE-TR-100/17-180/090 | 578,85 |
| 180-110 | PE-TR-100/17-180/110 | 578,85 |
| 180-160 | PE-TR-100/17-180/160 | 718,75 |
| 200- 63 | PE-TR-100/17-200/063 | 854,80 |
| 200- 90 | PE-TR-100/17-200/090 | 854,80 |
| 200-110 | PE-TR-100/17-200/110 | 854,80 |
| 200-160 | PE-TR-100/17-200/160 | 854,80 |
| 225- 75 | PE-TR-100/17-225/075 | Na zapyt. |
| 225- 90 | PE-TR-100/17-225/090 | 1 028,45 |
| 225-110 | PE-TR-100/17-225/110 | 1 028,45 |
| 225-160 | PE-TR-100/17-225/160 | 1 028,45 |
| 225-180 | PE-TR-100/17-225/180 | 1 028,45 |
| 250-110 | PE-TR-100/17-250/110 | 1 680,45 |
| 250-160 | PE-TR-100/17-250/160 | 1 680,45 |
| 315-110 | PE-TR-100/17-315/110 | 2 683,80 |
| 315-160 | PE-TR-100/17-315/160 | 2 683,80 |
| 315-225 | PE-TR-100/17-315/225 | 2 804,60 |
| 315-250 | PE-TR-100/17-315/250 | 2 804,60 |

w standardzie trójniki wtryskowe redukcyjne producentów innych niż +GF+, ceny trójników redukcyjnych +GF+ na zapytanie;

Trójniki redukcyjne w średnicach do DN 800 w SDR 11 i SDR 17 – na zapytanie.



W ofercie także trójniki doczołowe redukowane w zakresie do średnicy DN 800 – ceny na zapytanie.

Trójniki wtryskowe redukowane wykonane poprzez warsztatowe dogrzanie redukcji (kliku kolejnych redukcji) pozwalają na uzyskanie trójników redukcyjnych w zakresie jaki nie jest oferowany przez producentów gotowych wtryskowych trójników redukcyjnych (zwłaszcza w średnicach powyżej DN 315).



Trójnik 45° równoprzelotowy
PE 100 SDR 11 (ISO S5)
10 bar gaz / 16 bar woda

| DN-d | Kod | Cena |
|------|-------------------|-----------|
| 63 | PE-T45-100/11-063 | 359,60 |
| 75 | PE-T45-100/11-075 | 503,45 |
| 90 | PE-T45-100/11-090 | 829,15 |
| 110 | PE-T45-100/11-110 | 1 175,95 |
| 125 | PE-T45-100/11-125 | Na zapyt. |
| 160 | PE-T45-100/11-160 | Na zapyt. |



Trójnik 45° równoprzelotowy
PE 100 SDR 17 (ISO S8)
5 bar gaz / 10 bar woda

| DN | Kod | Cena |
|-----|-------------------|-----------|
| 63 | PE-T45-100/17-063 | Na zapyt. |
| 75 | PE-T45-100/17-075 | Na zapyt. |
| 90 | PE-T45-100/17-090 | 798,15 |
| 110 | PE-T45-100/17-110 | 1 133,20 |
| 125 | PE-T45-100/17-125 | Na zapyt. |
| 160 | PE-T45-100/17-160 | Na zapyt. |

4. Kołpaki (zaślepki) doczołowe długie



Kołpak (zaślepka)
PE 100 SDR 11 (ISO S5)
10 bar gaz / 16 bar woda

| DN | Kod | Cena |
|------|-----------------|-----------|
| 20 | PE-Z-100/11-020 | 13,20 |
| 25 | PE-Z-100/11-025 | 14,35 |
| 32 | PE-Z-100/11-032 | 18,25 |
| 40 | PE-Z-100/11-040 | 22,25 |
| 50 | PE-Z-100/11-050 | 28,45 |
| 63 | PE-Z-100/11-063 | 36,15 |
| 75 | PE-Z-100/11-075 | 70,15 |
| 90 | PE-Z-100/11-090 | 85,50 |
| 110 | PE-Z-100/11-110 | 103,95 |
| 125 | PE-Z-100/11-125 | 118,85 |
| 140 | PE-Z-100/11-140 | 156,05 |
| 160 | PE-Z-100/11-160 | 164,40 |
| 180 | PE-Z-100/11-180 | 226,40 |
| 200 | PE-Z-100/11-200 | 282,55 |
| 225 | PE-Z-100/11-225 | 338,05 |
| 250 | PE-Z-100/11-250 | 384,30 |
| 280 | PE-Z-100/11-280 | 544,45 |
| 315 | PE-Z-100/11-315 | 739,45 |
| 355 | PE-Z-100/11-355 | 1 570,65 |
| 400 | PE-Z-100/11-400 | 2 771,65 |
| *450 | PE-Z-100/11-450 | Na zapyt. |
| *500 | PE-Z-100/11-500 | Na zapyt. |
| *560 | PE-Z-100/11-560 | Na zapyt. |
| *630 | PE-Z-100/11-630 | Na zapyt. |



Kołpak
PE 100 SDR 17 (ISO S8)
5 bar gaz / 10 bar woda

| DN | Kod | Cena |
|-------|-----------------|-----------|
| 50 | PE-Z-100/17-050 | 58,55 |
| 63 | PE-Z-100/17-063 | 38,15 |
| 75 | PE-Z-100/17-075 | 70,25 |
| 90 | PE-Z-100/17-090 | 85,30 |
| 110 | PE-Z-100/17-110 | 108,75 |
| 125 | PE-Z-100/17-125 | 124,45 |
| 140 | PE-Z-100/17-140 | 156,05 |
| 160 | PE-Z-100/17-160 | 164,20 |
| 180 | PE-Z-100/17-180 | 226,30 |
| 200 | PE-Z-100/17-200 | 281,50 |
| 225 | PE-Z-100/17-225 | 336,70 |
| 250 | PE-Z-100/17-250 | 366,80 |
| 280 | PE-Z-100/17-280 | 518,70 |
| 315 | PE-Z-100/17-315 | 709,45 |
| 355 | PE-Z-100/17-355 | 1 570,65 |
| 400 | PE-Z-100/17-400 | 2 771,65 |
| *450 | PE-Z-100/17-450 | Na zapyt. |
| *500 | PE-Z-100/17-500 | Na zapyt. |
| *560 | PE-Z-100/17-560 | Na zapyt. |
| *630 | PE-Z-100/17-630 | Na zapyt. |
| *710 | PE-Z-100/17-710 | Na zapyt. |
| *800 | PE-Z-100/17-800 | Na zapyt. |
| *900 | PE-Z-100/17-900 | Na zapyt. |
| *1000 | PE-Z-100/17-000 | Na zapyt. |

* Kołpak krótki z dogrzanym odcinkiem rury obrabiony maszynowo

* Kołpak krótki z dogrzanym odcinkiem rury obrabiony maszynowo

Kołpaki (zaślepki) przedłużone przez dogrzenie odcinka rury oferujemy w zakresie do średnic DN 250 ÷ DN 1000
– ceny na zapytanie.

5. Redukcje doczołowe długie



Redukcja
PE 100 SDR 11 (ISO S5)
10 bar gaz / 16 bar woda

| DN | Kod | Cena |
|--------|---------------------|-------|
| 25- 20 | PE-R-100/11-025/020 | 12,05 |
| 32- 20 | PE-R-100/11-032/020 | 12,05 |
| 32- 25 | PE-R-100/11-032/020 | 12,05 |
| 40- 20 | PE-R-100/11-040/020 | 17,20 |



Redukcja
PE 100 SDR 17 (ISO S8)
5 bar gaz / 10 bar woda

| DN | Kod | Cena |
|--------|---------------------|-----------|
| 50- 32 | PE-R-100/17-050/032 | Na zapyt. |
| 50- 40 | PE-R-100/17-050/040 | Na zapyt. |
| 63- 32 | PE-R-100/17-063/032 | Na zapyt. |
| 63- 40 | PE-R-100/17-063/040 | Na zapyt. |



Redukcja
PE 100 SDR 11 (ISO S5)
10 bar gaz / 16 bar woda

| DN | Kod | Cena |
|---------|---------------------|-----------|
| 40- 25 | PE-R-100/11-040/025 | 17,20 |
| 40- 32 | PE-R-100/11-040/032 | 17,20 |
| 50- 25 | PE-R-100/11-050/025 | 20,50 |
| 50- 32 | PE-R-100/11-050/032 | 20,50 |
| 50- 40 | PE-R-100/11-050/040 | 20,50 |
| 63- 32 | PE-R-100/11-063/032 | 28,45 |
| 63- 40 | PE-R-100/11-063/040 | 28,45 |
| 63- 50 | PE-R-100/11-063/050 | 28,45 |
| 75- 50 | PE-R-100/11-075/050 | 43,05 |
| 75- 63 | PE-R-100/11-075/063 | 43,05 |
| 90- 50 | PE-R-100/11-090/050 | 43,05 |
| 90- 63 | PE-R-100/11-090/063 | 59,43 |
| 90- 75 | PE-R-100/11-090/075 | 59,43 |
| 110- 63 | PE-R-100/11-110/063 | 79,00 |
| 110- 75 | PE-R-100/11-110/075 | 79,00 |
| 110- 90 | PE-R-100/11-110/090 | 79,00 |
| 125- 63 | PE-R-100/11-125/063 | 90,75 |
| 125- 75 | PE-R-100/11-125/075 | 95,30 |
| 125- 90 | PE-R-100/11-125/090 | 95,30 |
| 125-110 | PE-R-100/11-125/110 | 95,30 |
| 140- 75 | PE-R-100/11-140/075 | 143,80 |
| 140- 90 | PE-R-100/11-140/090 | 143,80 |
| 140-110 | PE-R-100/11-140/110 | 143,80 |
| 140-125 | PE-R-100/11-140/125 | 135,95 |
| 160- 90 | PE-R-100/11-160/090 | 183,55 |
| 160-110 | PE-R-100/11-160/110 | 183,55 |
| 160-125 | PE-R-100/11-160/125 | 183,55 |
| 160-140 | PE-R-100/11-160/140 | 183,55 |
| 180- 90 | PE-R-100/11-180/090 | 215,40 |
| 180-110 | PE-R-100/11-180/110 | 215,40 |
| 180-125 | PE-R-100/11-180/125 | 233,95 |
| 180-140 | PE-R-100/11-180/140 | 233,95 |
| 180-160 | PE-R-100/11-180/160 | 223,00 |
| 200-140 | PE-R-100/11-200/140 | 272,45 |
| 200-160 | PE-R-100/11-200/160 | 259,25 |
| 200-180 | PE-R-100/11-200/180 | 259,25 |
| 225-140 | PE-R-100/11-225/140 | 437,35 |
| 225-160 | PE-R-100/11-225/160 | 416,55 |
| 225-180 | PE-R-100/11-225/180 | 416,55 |
| 225-200 | PE-R-100/11-225/200 | 416,55 |
| 250-160 | PE-R-100/11-250/160 | 535,90 |
| 250-180 | PE-R-100/11-250/180 | 588,15 |
| 250-200 | PE-R-100/11-250/200 | 561,55 |
| 250-225 | PE-R-100/11-250/225 | 561,55 |
| 280-200 | PE-R-100/11-280/200 | 738,65 |
| 280-225 | PE-R-100/11-280/225 | 738,65 |
| 280-250 | PE-R-100/11-280/250 | 670,85 |
| 315-200 | PE-R-100/11-315/200 | 960,30 |
| 315-225 | PE-R-100/11-315/225 | 960,30 |
| 315-250 | PE-R-100/11-315/250 | 960,30 |
| 315-280 | PE-R-100/11-315/280 | 968,80 |
| 355-250 | PE-R-100/11-355/250 | Na zapyt. |
| 355-280 | PE-R-100/11-355/280 | Na zapyt. |
| 355-315 | PE-R-100/11-355/315 | Na zapyt. |
| 400-280 | PE-R-100/11-400/280 | Na zapyt. |
| 400-315 | PE-R-100/11-400/315 | Na zapyt. |
| 400-355 | PE-R-100/11-400/355 | Na zapyt. |



Redukcja
PE 100 SDR 17 (ISO S8)
5 bar gaz / 10 bar woda

| DN | Kod | Cena |
|---------|---------------------|-----------|
| 63- 50 | PE-R-100/17-063/050 | Na zapyt. |
| 75- 63 | PE-R-100/17-075/063 | Na zapyt. |
| 90- 50 | PE-R-100/17-090/050 | Na zapyt. |
| 90- 63 | PE-R-100/17-090/063 | 59,45 |
| 90- 75 | PE-R-100/17-090/075 | 59,45 |
| 110- 63 | PE-R-100/17-110/063 | 79,00 |
| 110- 75 | PE-R-100/17-110/075 | 79,00 |
| 110- 90 | PE-R-100/17-110/090 | 79,00 |
| 125- 63 | PE-R-100/17-125/063 | 95,30 |
| 125- 90 | PE-R-100/17-125/090 | 95,30 |
| 125-110 | PE-R-100/17-125/110 | 95,30 |
| 140- 75 | PE-R-100/17-140/075 | 143,80 |
| 140- 90 | PE-R-100/17-140/090 | 143,80 |
| 140-110 | PE-R-100/17-140/110 | 143,80 |
| 140-125 | PE-R-100/17-140/125 | 136,80 |
| 160- 90 | PE-R-100/17-160/090 | 183,55 |
| 160-110 | PE-R-100/17-160/110 | 183,55 |
| 160-125 | PE-R-100/17-160/125 | 183,55 |
| 160-140 | PE-R-100/17-160/140 | 183,55 |
| 180- 90 | PE-R-100/17-180/090 | 215,40 |
| 180-110 | PE-R-100/17-180/110 | 215,40 |
| 180-125 | PE-R-100/17-180/125 | 233,95 |
| 180-140 | PE-R-100/17-180/140 | 233,95 |
| 180-160 | PE-R-100/17-180/160 | 223,00 |
| 200-140 | PE-R-100/17-200/140 | 272,45 |
| 200-160 | PE-R-100/17-200/160 | 259,25 |
| 200-180 | PE-R-100/17-200/180 | 259,25 |
| 225-140 | PE-R-100/17-225/140 | 437,35 |
| 225-160 | PE-R-100/17-225/160 | 416,55 |
| 225-180 | PE-R-100/17-225/180 | 416,55 |
| 225-200 | PE-R-100/17-225/200 | 416,55 |
| 250-160 | PE-R-100/17-250/160 | 523,05 |
| 250-180 | PE-R-100/17-250/180 | 588,15 |
| 250-200 | PE-R-100/17-250/200 | 523,05 |
| 250-225 | PE-R-100/17-250/225 | 523,05 |
| 280-200 | PE-R-100/17-280/200 | 738,65 |
| 280-225 | PE-R-100/17-280/225 | 738,65 |
| 280-250 | PE-R-100/17-280/250 | 610,90 |
| 315-225 | PE-R-100/17-315/225 | 610,90 |
| 315-250 | PE-R-100/17-315/250 | 610,90 |
| 315-280 | PE-R-100/17-315/280 | 610,90 |
| 355-250 | PE-R-100/17-355/250 | 968,85 |
| 355-280 | PE-R-100/17-355/280 | Na zapyt. |
| 355-315 | PE-R-100/17-355/315 | Na zapyt. |
| 400-280 | PE-R-100/17-400/280 | Na zapyt. |
| 400-315 | PE-R-100/17-400/315 | Na zapyt. |
| 400-355 | PE-R-100/17-400/355 | Na zapyt. |

Redukcje długie w średnicach powyżej DN 400 – ceny na zapytanie

Redukcje przedłużone przez dogrzenie odcinka rury oferujemy w zakresie średnic od DN 200-110 do DN 1000-900 (dla SDR 17) i od DN 200-110 do DN 900-800 (dla SDR 11) – ceny na zapytanie.



6. Tuleje kołnierzowe długie



Tuleja kołnierzowa
PE 100 SDR 11 (ISO S5)
10 bar gaz / 16 bar woda

| DN | Kod | Cena |
|-------|-----------------|-----------|
| 20 | PE-W-100/11-020 | 13,80 |
| 25 | PE-W-100/11-025 | 13,40 |
| 32 | PE-W-100/11-032 | 16,50 |
| 40 | PE-W-100/11-040 | 19,80 |
| 50 | PE-W-100/11-050 | 21,85 |
| 63 | PE-W-100/11-063 | 25,55 |
| 75 | PE-W-100/11-075 | 31,85 |
| 90 | PE-W-100/11-090 | 43,70 |
| 110 | PE-W-100/11-110 | 52,85 |
| 125 | PE-W-100/11-125 | 65,10 |
| 140 | PE-W-100/11-140 | 83,45 |
| 160 | PE-W-100/11-160 | 93,35 |
| 180 | PE-W-100/11-180 | 147,10 |
| 200 | PE-W-100/11-200 | 168,00 |
| 225 | PE-W-100/11-225 | 180,45 |
| 250 | PE-W-100/11-250 | 309,20 |
| 280 | PE-W-100/11-280 | 407,35 |
| 315 | PE-W-100/11-315 | 518,10 |
| 355 | PE-W-100/11-355 | Na zapyt. |
| 400 | PE-W-100/11-400 | Na zapyt. |
| *450 | PE-W-100/11-450 | Na zapyt. |
| *500 | PE-W-100/11-500 | Na zapyt. |
| *560 | PE-W-100/11-560 | Na zapyt. |
| *630 | PE-W-100/11-630 | Na zapyt. |
| *710 | PE-W-100/11-710 | Na zapyt. |
| *800 | PE-W-100/11-800 | Na zapyt. |
| *900 | PE-W-100/11-900 | Na zapyt. |
| *1000 | PE-W-100/11-000 | Na zapyt. |



Tuleja kołnierzowa
PE 100 SDR 17 (ISO S8)
5 bar gaz / 10 bar woda

| DN | Kod | Cena |
|-------|-----------------|-----------|
| 50 | PE-W-100/17-050 | 21,35 |
| 63 | PE-W-100/17-063 | 25,75 |
| 75 | PE-W-100/17-075 | 32,45 |
| 90 | PE-W-100/17-090 | 41,80 |
| 110 | PE-W-100/17-110 | 52,10 |
| 125 | PE-W-100/17-125 | 64,80 |
| 140 | PE-W-100/17-140 | 84,55 |
| 160 | PE-W-100/17-160 | 94,35 |
| 180 | PE-W-100/17-180 | 148,10 |
| 200 | PE-W-100/17-200 | 167,10 |
| 225 | PE-W-100/17-225 | 180,45 |
| 250 | PE-W-100/17-250 | 242,35 |
| 280 | PE-W-100/17-280 | 367,60 |
| 315 | PE-W-100/17-315 | 484,60 |
| 355 | PE-W-100/17-355 | Na zapyt. |
| 400 | PE-W-100/17-400 | Na zapyt. |
| *450 | PE-W-100/17-450 | Na zapyt. |
| *500 | PE-W-100/17-500 | Na zapyt. |
| *560 | PE-W-100/17-560 | Na zapyt. |
| *630 | PE-W-100/17-630 | Na zapyt. |
| *710 | PE-W-100/17-710 | Na zapyt. |
| *800 | PE-W-100/17-800 | Na zapyt. |
| *900 | PE-W-100/17-900 | Na zapyt. |
| *1000 | PE-W-100/17-000 | Na zapyt. |

* Tuleja kołnierzowa krótka z dogrzanym odcinkiem rury

* Tuleja kołnierzowa krótka z dogrzanym odcinkiem rury

Tuleje kołnierzowe przedłużone przez dogrzenie odcinka rury oferujemy w zakresie średnic od DN 250 do DN 1000 – ceny na zapytanie.

7. Tuleje kołnierzowe specjalne



Tuleja specjalna
PE 100 SDR 11
Owiercenie PN 16 lub PN 10
Stalowy kołnierz oporowy

| ID/DN | Kod | Cena |
|---------|----------------|-----------|
| 65/90 | PE-WS-100/11-* | Na zapyt. |
| 80/110 | PE-WS-100/11-* | Na zapyt. |
| 100/140 | PE-WS-100/11-* | Na zapyt. |
| 125/160 | PE-WS-100/11-* | Na zapyt. |
| 125/180 | PE-WS-100/11-* | Na zapyt. |
| 150/200 | PE-WS-100/11-* | Na zapyt. |
| 200/250 | PE-WS-100/11-* | Na zapyt. |
| 250/315 | PE-WS-100/11-* | Na zapyt. |
| 300/355 | PE-WS-100/11-* | Na zapyt. |
| 350/400 | PE-WS-100/11-* | Na zapyt. |



Tuleja specjalna
PE 100 SDR 17
Owiercenie PN 10
Stalowy kołnierz oporowy

| DN | Kod | Cena |
|---------|-----------------|-----------|
| 65/90 | PE-WS-100/17-** | Na zapyt. |
| 80/110 | PE-WS-100/17-** | Na zapyt. |
| 100/140 | PE-WS-100/17-** | Na zapyt. |
| 125/160 | PE-WS-100/17-** | Na zapyt. |
| 125/180 | PE-WS-100/17-** | Na zapyt. |
| 150/200 | PE-WS-100/17-** | Na zapyt. |
| 200/250 | PE-WS-100/17-** | Na zapyt. |
| 250/315 | PE-WS-100/17-** | Na zapyt. |
| 300/355 | PE-WS-100/17-** | Na zapyt. |
| 350/400 | PE-WS-100/17-** | Na zapyt. |



Tuleja specjalna
PE 100 SDR 11
Owiercenie PN 16 lub PN 10
Stalowy kołnierz oporowy

| ID/DN | Kod | Cena |
|---------|----------------|-----------|
| 400/450 | PE-WS-100/11-* | Na zapyt. |
| 500/560 | PE-WS-100/11-* | Na zapyt. |
| 500/630 | PE-WS-100/11-* | Na zapyt. |
| 600/710 | PE-WS-100/11-* | Na zapyt. |

* W oznaczeniu należy podać średnicę ID owiercenia oraz średnicę DN rury oraz ciśnienie owiercenia PN 10 lub PN 16



Tuleja specjalna
PE 100 SDR 17
Owiercenie PN 10
Stalowy kołnierz oporowy

| DN | Kod | Cena |
|-----------|-----------------|-----------|
| 400/450 | PE-WS-100/17-** | Na zapyt. |
| 500/560 | PE-WS-100/17-** | Na zapyt. |
| 500/630 | PE-WS-100/17-** | Na zapyt. |
| 600/710 | PE-WS-100/17-** | Na zapyt. |
| 700/800 | PE-WS-100/17-** | Na zapyt. |
| 800/900 | PE-WS-100/17-** | Na zapyt. |
| 900/1000 | PE-WS-100/17-** | Na zapyt. |
| 1000/1200 | PE-WS-100/17-** | Na zapyt. |

** W oznaczeniu należy podać średnicę ID owiercenia oraz średnicę DN rury (owiercenie kołnierza PN 10)

Tuleje kołnierzowe specjalne umożliwiają zastosowanie armatury o średnicy niższej niż w przypadku typowych tulei kołnierzowych z luźnymi kołnierzami dociskowymi, bez zmniejszania prześwitu rurociągu.

Tuleje kołnierzowe specjalne oferowane są w wykonaniu krótkim (możliwe tylko zgrzewania doczołowe) oraz w wykonaniu długim (tuleja przedłużona przez dogrzanie odcinka rury) do zgrzewania doczołowego oraz elektrooporowego.

8. Kołnierze luźne galwanizowane



Kołnierz stalowy galwanizowany
PN 16
do systemu kształtek doczołowych
Wykonany zgodnie z normą PN-EN
1092-1

| ID/DN | Kod | Cena |
|-----------|----------------|-----------|
| 20/25 | XK-ST-020/025 | 11,60 |
| 25/32 | XK-ST-025/032 | 14,90 |
| 32/40 | XK-ST-032/040 | 22,00 |
| 40/50 | XK-ST-040/050 | 28,60 |
| 50/63 | XK-ST-050/063 | 34,10 |
| 65/75 | XK-ST-065/075 | 36,90 |
| 80/90 | XK-ST-080/090 | 46,20 |
| 100/110 | XK-ST-100/110 | 53,60 |
| 100/125 | XK-ST-100/125 | 53,60 |
| 125/125 | XK-ST-125/125 | 75,60 |
| 125/140 | XK-ST-125/140 | 68,50 |
| 150/160 | XK-ST-150/160 | 80,60 |
| 150/180 | XK-ST-150/180 | 80,60 |
| 200/200 | XK-ST-200/200A | 123,80 |
| 200/225 | XK-ST-200/225A | 123,80 |
| 250/250 | XK-ST-250/250A | 240,60 |
| 250/280 | XK-ST-250/280A | 240,60 |
| 300/315 | XK-ST-300/315A | 327,30 |
| 350/355 | XK-ST-350/355A | 492,30 |
| 400/400 | XK-ST-400/400A | 712,30 |
| 450/450 | XK-ST-450/450A | 1 097,30 |
| 500/450 | XK-ST-500/450A | 1 355,80 |
| 500/500 | XK-ST-500/500A | 1 256,80 |
| 600/560 | XK-ST-600/560A | 1 938,80 |
| 600/600 | XK-ST-600/600A | 1 856,30 |
| 700/710 | XK-ST-700/710A | Na zapyt. |
| 800/800 | XK-ST-800/800A | Na zapyt. |
| 900/900 | XK-ST-900/900A | Na zapyt. |
| 1000/1000 | XK-ST-000/000A | Na zapyt. |



Kołnierz stalowy galwanizowany
PN 10
do systemu kształtek doczołowych.
Wykonany zgodnie z normą PN-EN
1092-1

| ID/DN | Kod | Cena |
|-----------|---------------|-----------|
| 20/25 | XK-ST-020/025 | 11,60 |
| 25/32 | XK-ST-025/032 | 14,90 |
| 32/40 | XK-ST-032/040 | 22,00 |
| 40/50 | XK-ST-040/050 | 28,60 |
| 50/63 | XK-ST-050/063 | 34,10 |
| 65/75 | XK-ST-065/075 | 36,90 |
| 80/90 | XK-ST-080/090 | 46,20 |
| 100/110 | XK-ST-100/110 | 53,60 |
| 100/125 | XK-ST-100/125 | 53,60 |
| 125/125 | XK-ST-125/125 | 75,60 |
| 125/140 | XK-ST-125/140 | 68,50 |
| 150/160 | XK-ST-150/160 | 80,60 |
| 150/180 | XK-ST-150/180 | 80,60 |
| 200/200 | XK-ST-200/200 | 104,90 |
| 200/225 | XK-ST-200/225 | 104,90 |
| 250/250 | XK-ST-250/250 | 173,30 |
| 250/280 | XK-ST-250/280 | 173,30 |
| 300/315 | XK-ST-300/315 | 231,00 |
| 350/355 | XK-ST-350/355 | 327,30 |
| 400/400 | XK-ST-400/400 | 519,80 |
| 450/450 | XK-ST-450/450 | 727,70 |
| 500/450 | XK-ST-500/450 | 893,80 |
| 500/500 | XK-ST-500/500 | 877,30 |
| 600/560 | XK-ST-600/560 | 1 416,30 |
| 600/600 | XK-ST-600/600 | 1 333,80 |
| 700/710 | XK-ST-700/710 | Na zapyt. |
| 800/800 | XK-ST-800/800 | Na zapyt. |
| 900/900 | XK-ST-900/900 | Na zapyt. |
| 1000/1000 | XK-ST-000/000 | Na zapyt. |

Do średnicy ID/DN 150/180 owiercenie dla PN 16 i PN 10 jest takie same.



9. Kołnierze PP-stal



Kołnierz PP-stal
PN 16
do systemu kształtek doczołowych
Zgodne z EN 1092, ISO 7005, DIN 2501

| ID/DN | Kod | Cena |
|---------|----------------|-----------|
| 20/25 | XK-ST-020/025 | 28,15 |
| 25/32 | XK-ST-025/032 | 35,05 |
| 32/40 | XK-ST-032/040 | 41,65 |
| 40/50 | XK-ST-040/050 | 49,55 |
| 50/63 | XK-ST-050/063 | 62,65 |
| 65/75 | XK-ST-065/075 | 69,85 |
| 80/90 | XK-ST-080/090 | 82,95 |
| 100/110 | XK-ST-100/110 | 113,60 |
| 100/125 | XK-ST-100/125 | 113,60 |
| 125/140 | XK-ST-125/140 | 145,05 |
| 150/160 | XK-ST-150/160 | 176,45 |
| 150/180 | XK-ST-150/180 | 176,45 |
| 200/200 | XK-ST-200/200A | Na zapyt. |
| 200/225 | XK-ST-200/225A | Na zapyt. |
| 250/250 | XK-ST-250/250A | Na zapyt. |
| 250/280 | XK-ST-250/280A | Na zapyt. |
| 300/315 | XK-ST-300/315A | Na zapyt. |
| 350/355 | XK-ST-350/355A | Na zapyt. |
| 400/400 | XK-ST-400/400A | Na zapyt. |
| 500/450 | XK-ST-500/450A | Na zapyt. |
| 500/500 | XK-ST-500/500A | Na zapyt. |
| 600/560 | XK-ST-600/560A | Na zapyt. |
| 600/600 | XK-ST-600/600A | Na zapyt. |



Kołnierz PP-stal
PN 10
do systemu kształtek doczołowych.
Zgodne z EN 1092, ISO 7005, DIN 2501

| ID/DN | Kod | Cena |
|---------|---------------|----------|
| 20/25 | XK-ST-020/025 | 28,15 |
| 25/32 | XK-ST-025/032 | 35,05 |
| 32/40 | XK-ST-032/040 | 41,65 |
| 40/50 | XK-ST-040/050 | 49,55 |
| 50/63 | XK-ST-050/063 | 62,65 |
| 65/75 | XK-ST-065/075 | 69,85 |
| 80/90 | XK-ST-080/090 | 82,95 |
| 100/110 | XK-ST-100/110 | 113,60 |
| 100/125 | XK-ST-100/125 | 113,60 |
| 125/140 | XK-ST-125/140 | 145,05 |
| 150/160 | XK-ST-150/160 | 176,45 |
| 150/180 | XK-ST-150/180 | 176,45 |
| 200/200 | XK-ST-200/200 | 256,20 |
| 200/225 | XK-ST-200/225 | 256,20 |
| 250/250 | XK-ST-250/250 | 325,30 |
| 250/280 | XK-ST-250/280 | 325,30 |
| 300/315 | XK-ST-300/315 | 496,55 |
| 350/355 | XK-ST-350/355 | 933,50 |
| 400/400 | XK-ST-400/400 | 1 062,65 |
| 500/450 | XK-ST-500/450 | 2 360,15 |
| 500/500 | XK-ST-500/500 | 2 360,15 |
| 600/560 | XK-ST-600/560 | 5 908,00 |
| 600/600 | XK-ST-600/600 | 5 908,00 |

Kołnierze luźne ze stali nierdzewnej, kołnierze PP-stal w średnicach pow. DN 600,
kołnierze PP-GGG lub żeliwne kołnierze profilowane
w zakresie średnic do DN 1000 – ceny na zapytanie.

9. Kształtki doczołowe krótkie – wtryskowe i toczone.



Trójnik 90° równoprzelotowy
PE 100 SDR 11 (ISO S5)
Zakres średnic DN 20 mm ÷ DN 500 mm

PE 100 SDR 17 (ISO S8)
Zakres średnic DN 20 mm ÷ DN 500 mm



Łuk 90°
PE 100 SDR 11 (ISO S5)
Zakres średnic DN 20 mm ÷ DN 500 mm

PE 100 SDR 17 (ISO S8)
Zakres średnic DN 20 mm ÷ DN 500 mm



Redukcja
PE 100 SDR 11 (ISO S5)
Zakres średnic DN 25/20 mm – DN 710/630 mm
PE 100 SDR 17 (ISO S8)
Zakres średnic DN 50/25 mm – DN 1000/900 mm



Trójnik 90° redukcyjny
PE 100 SDR 11 (ISO S5)
Zakres średnic DN 90/32 mm ÷ DN 250/160 mm

PE 100 SDR 17 (ISO S8)
Zakres średnic DN 140/63 mm ÷ DN 250/160 mm



Zaślepka
PE 100 SDR 11 (ISO S5)
Zakres średnic DN 90 mm – DN 800 mm
PE 100 SDR 17 (ISO S8)
Zakres średnic d 90 mm – d 1000 mm



Redukcja ekscentryczna
PE 100 SDR 11 (ISO S5)
Zakres średnic DN 160/90 mm – DN 650/560 mm
PE 100 SDR 17 (ISO S8)
Zakres średnic DN 160/90 mm – DN 1200/1000 mm



Tuleja kołnierzowa
PE 100 SDR 11 (ISO S5)
Zakres średnic DN 20 mm – DN 800 mm
PE 100 SDR 17 (ISO S8)
Zakres średnic DN 63 mm – DN 1200 mm