# FITTINGS CATALOG

# Flared End Connectors (Stub Ends)

The ends of the Pexgol pipe are heated and flared by a proprietary process, performed at Golan Plastic Products. The final pipe end is similar to a stub end.

The loose flange is usually mounted over the pipe during the flaring process. Alternatively, split flanges can be supplied to be mounted later. Golan prepares flanges conforming to different standards. Detailed drawings of flanges are supplied as requested. Plastic coated flanges are also available on request.

The pipes can be ordered in lengths according to customer specifications. Alternatively, they are available in lengths of 5.80 m to fit into 20ft containers or in lengths of 11.80m to fit into 40ft containers Pipes in lengths of 12-13 meters can be supplied upon a special order in 45ft containers. The catalog numbers in the table on the next page represent Pexgol pipe sections of standard length 500mm with a flared end on one side.

Please specify according to the following example if:

- A longer section is required, or
- Flared ends on both sides are required, or
- Loose flanges are required for the pipe section

Example:

For a pipe section 160mm, wall thickness 14.6mm, length 2500mm with one flared end & flange:

FLA16014.6 2500mm with flared end and flange ASA 150 on one side.

The catalog number represents only the flared end and not the flange, which is ordered separately.

# Length of Flared End Connectors (stub-ends)

| OD | Std Length | Min Length |
|---|---|---|
| 63 | 500.0 | 85.0 |
| 75 | 500.0 | 85.0 |
| 90 | 500.0 | 104.0 |
| 110 | 500.0 | 120.0 |
| 125 | 500.0 | 130.0 |
| 140 | 500.0 | 140.0 |
| 160 | 500.0 | 160.0 |
| 180 | 500.0 | 182.0 |
| 200 | 500.0 | 180.0 |
| 225 | 500.0 | 180.0 |
| 250 | 500.0 | 198.0 |
| 280 | 500.0 | 200.0 |
| 315 | 500.0 | 200.0 |
| 355 | 500.0 | 215.0 |
| 400 | 500.0 | 228.0 |
| 450 | 500.0 | 238.0 |
| 500 | 500.0 | 255.0 |
| 560 | 500.0 | 285.0 |
| 630 | 500.0 | 320.0 |
| 710 | 500.0 | 350.0 |

# Flared Ends Catalog Numbers

| OD | Class 10 | Class 12 | Class 15 | Class 19 | Class 24 | Class 30 |
|---|---|---|---|---|---|---|
| 63 | FLA633.9 | FLA634.7 | FLA635.8 | FLA-637.1 | FLA638.6 | FLA-6310.5 |
| 75 | FLA754.7 | FLA755.6 | FLA756.8 | FLA758.4 | FLA7510.3 | FLA7512.5 |
| 90 | FLA905.6 | FLA906.7 | FLA908.2 | FLA9010.1 | FLA9012.3 | FLA9015 |
| 110 | FLA1106.8 | FLA1108.1 | FLA11010 | FLA11012.3 | FLA11015.1 | FLA11018.3 |
| 125 | FLA1257.7 | FLA1259.2 | FLA12511.4 | FLA12514.1 | FLA12517.1 | FLA12520.8 |
| 140 | FLA1408.7 | FLA14010.3 | FLA14012.7 | FLA14015.7 | FLA14019.2 | FLA14023.3 |
| 160 | FLA1609.9 | FLA16011.8 | FLA16014.6 | FLA16017.9 | FLA16021.9 | FLA16027.3 |
| 180 | FLA18011.1 | FLA18013.3 | FLA18016.3 | FLA18020.1 | FLA18024.6 | FLA18029.9 |
| 200 | FLA20012.4 | FLA20014.7 | FLA20018.1 | FLA20022.4 | FLA20027.4 | FLA20033.2 |
| 225 | FLA22513.9 | FLA22516.6 | FLA22520.4 | FLA22525.0 | FLA22530.8 | FLA22537.4 |
| 250 | FLA25015.2 | FLA22516.6 | FLA25022.7 | FLA25027.9 | FLA25034.2 | FLA25041.5 |
| 280 | FLA28017.3 | FLA28020.6 | FLA28025.4 | FLA28031.3 | FLA28037.7 | FLA-28046.5 |
| 315 | FLA31519.5 | FLA31523.2 | FLA31528.6 | FLA31535.2 | FLA31543.1 | FLA31552.3 |
| 355 | FLA35521.9 | FLA35526.1 | FLA35532.2 | FLA35539.7 | FLA35548.5 | FLA35559 |
| 400 | FLA40024.7 | FLA40029.4 | FLA40036.3 | FLA440044.7 | FLA40054.7 | FLA40066.7 |
| 450 | FLA45027.8 | FLA45033.1 | FLA45040.9 | FLA45050.3 | FLA45061.5 | FLA45075 |
| 500 | FLA50030.9 | FLA50036.7 | FLA50045.4 | FLA50055.8 | FLA50068.5 | FLA50083.4 |
| 560 | FLA56034.6 | FLA56041.2 | FLA56050.8 | FLA56062.5 | FLA56076.7 | FLA56093.4 |
| 630 | FLA63038.9 | FLA63046.6 | FLA63057.2 | FLA63070.0 | FLA63086.3 | FLA630105 |
| 710 | FLA71043.8 | FLA71052.2 | FLA71064.5 | FLA71078.9 | FLA71097.3 | FLA710118.3 |

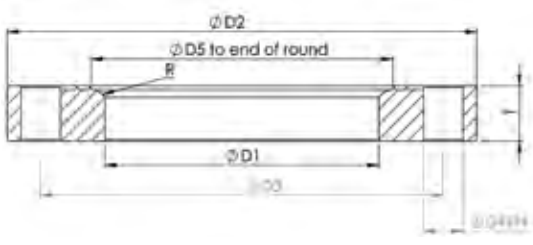
# Loose Flanges for Flared End Connectors

The following table lists dimensions of flanges for Pexgol flared ends according to ASA 150 or B.S. table 10D. Flanges according to other flange standards are available by special order. Split flanges of all flange standards are also supplied by special order.

| Cat. No. | Standard | Pipe dia. (mm) | Flange dim. (inch) | O.D | Wall thickness | Radius (mm) | Inside dia. (mm) | No. of Bolts | Weight (kg) |
|---|---|---|---|---|---|---|---|---|---|
| | | | | D2 | T | R | D1 | N | |
| 65003201 | ASA/BSTD | 32 | 1 | 108 | 14 | 1 | 34 | 4 | 0.9 |
| 65004012 | ASA/BSTD | 40 | 1.25 | 118 | 16 | 1 | 42 | 4 | 1.2 |
| 65005015 | ASA/BSTD | 50 | 1.5 | 127 | 17 | 6 | 52 | 4 | 1.4 |
| 65006302 | ASA/BSTD | 63 | 2 | 152 | 19 | 7 | 65 | 4 | 2.3 |
| 65007525 | ASA/BSTD | 75 | 2.5 | 178 | 22 | 8 | 78 | 4 | 3.5 |
| 65009003 | ASA/BSTD | 90 | 3 | 190 | 24 | 8 | 93 | 4 | 4.1 |
| 65011004 | ASA/BSTD | 110 | 4 | 228 | 24 | 10 | 116 | 8 | 5.8 |
| 65012504 | ASA/BSTD | 125 | 4 | 228 | 24 | 10 | 131 | 8 | 5.3 |
| 65014006 | ASA/BSTD | 140 | 6 | 279 | 25 | 10 | 146 | 8 | 8.9 |
| 65016006 | ASA/BSTD | 160 | 6 | 279 | 25 | 10 | 167 | 8 | 7.9 |
| 65018006 | ASA/BSTD | 180 | 6 | 279 | 25 | 10 | 187 | 8 | 6.7 |
| 65020008 | ASA/BSTD | 200 | 8 | 343 | 28 | 15 | 210 | 8 | 12.9 |
| 65022508 | ASA/BSTD | 225 | 8 | 343 | 28 | 15 | 236 | 8 | 10.9 |
| 64825010 | ASA | 250 | 10 | 406 | 30 | 17 | 262 | 12 | 18.2 |
| 64925010 | BSTD | 250 | 10 | 406 | 30 | 17 | 262 | 8 | 18.2 |
| 64828010 | ASA | 280 | 10 | 406 | 30 | 17 | 293 | 12 | 14.9 |
| 64928010 | BSTD | 280 | 10 | 406 | 30 | 17 | 293 | 8 | 14.9 |
| 65031512 | ASA/BSTD | 315 | 12 | 482 | 32 | 20 | 331 | 12 | 24.7 |
| 65035514 | ASA/BSTD | 355 | 14 | 533 | 35 | 20 | 371 | 12 | 32.2 |
| 64840016 | ASA | 400 | 16 | 597 | 36 | 22 | 417 | 16 | 41.3 |
| 64940016 | BSTD | 400 | 16 | 578 | 36 | 22 | 417 | 12 | 36.5 |
| 64845018 | ASA | 450 | 18 | 635 | 40 | 22 | 467 | 16 | 46.5 |
| 64945018 | BSTD | 450 | 18 | 641 | 40 | 22 | 467 | 12 | 48.5 |
| 64850020 | ASA | 500 | 20 | 698 | 43 | 25 | 518 | 20 | 59.1 |
| 64950020 | BSTD | 500 | 20 | 705 | 43 | 25 | 518 | 16 | 61.8 |
| 64863024 | ASA | 630 | 24 | 813 | 48 | 30 | 652 | 20 | 71.1 |
| 64963024 | BSTD | 630 | 24 | 826 | 48 | 30 | 652 | 16 | 78.0 |

Carbon Flange BSTD

Carbon Flange ASA150



# Prefabricated Pexgol Elbows

Prefabricated elbows are produced from Pexgol pipes of all classes according to a proprietary process. The length of each leg of a Pexgol elbows is specified according to dimension A or dimension B in the table below. Prefabricated elbows with flared-ends are available in any length between the minimum and maximum values, dim.A. Prefabricated elbows with plain ends are available in minimum lengths according to dim.B.

Each leg can be supplied with plain ends or with flared ends with or without flanges. and in varying length for each leg.

For ordering please write the length A or B and describe the pipe ends.

For example:

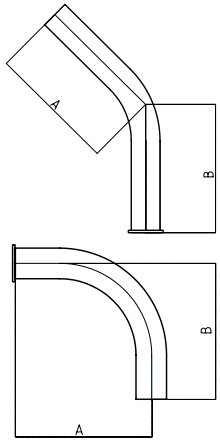
ELB16014.6-453D one leg 550mm with flared end and flange ASA 150 , other leg 420mm plain end.

The weight of the elbow is calculated by adding the A or B values of the legs, dividing them by 1,000 (to get the total length of the elbow in meters) and then multiplying by the weight of the pipe per meter according to the pipe dimensions tables.

# Dimensions of Pexgol Elbows

| OD | 1.5D | | | | | | 3D | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 45° | | | 90° | | | 45° | | | 90° | | |
| | A [mm] | | B [mm] | A [mm] | | B [mm] | A [mm] | | B [mm] | A [mm] | | B [mm] |
| | Min | Max | Min | Min | Max | Min | Min | Max | Min | Min | Max | Min |
| 50 | 210 | 400 | 100 | 260 | 600 | 130 | 240 | 500 | 140 | 330 | 600 | 230 |
| 63 | 225 | 450 | 120 | 320 | 600 | 180 | 260 | 500 | 160 | 380 | 650 | 280 |
| 75 | 235 | 450 | 130 | 310 | 600 | 210 | 280 | 500 | 180 | 420 | 700 | 320 |
| 90 | 250 | 350 | 155 | 380 | 600 | 240 | 305 | 500 | 215 | 465 | 700 | 375 |
| 110 | 270 | 350 | 190 | 420 | 700 | 280 | 335 | 500 | 235 | 530 | 750 | 445 |
| 125 | 280 | 400 | 200 | 400 | 600 | 320 | 350 | 500 | 270 | 575 | 800 | 500 |
| 140 | 295 | 400 | 210 | 430 | 700 | 350 | 375 | 500 | 295 | 625 | 900 | 545 |
| 160 | 300 | 400 | 225 | 450 | 750 | 320 | 410 | 600 | 335 | 690 | 1000 | 620 |
| 180 | 300 | 400 | 225 | 450 | 750 | 400 | 430 | 610 | 360 | 720 | 950 | 650 |
| 200 | 350 | 550 | 350 | 635 | 900 | 450 | 450 | 620 | 450 | 800 | 1100 | 800 |
| 225 | 400 | 600 | 400 | 700 | 1000 | 500 | 500 | 800 | 500 | 900 | 1250 | 900 |
| 250 | 450 | 700 | 450 | 720 | 1000 | 500 | 550 | 800 | 550 | 1000 | 1250 | 100 |
| 280 | 480 | 700 | 480 | 820 | 1000 | 600 | 650 | 950 | 650 | 1100 | 1330 | 1100 |
| 315 | 550 | 800 | 550 | 900 | 1100 | 700 | 700 | 1100 | 700 | 1250 | 1500 | 1250 |
| 355 | 650 | 900 | 650 | 1000 | 1200 | 1000 | 800 | 1100 | 800 | 1400 | 1600 | 1400 |
| 400 | 700 | 1000 | 700 | 1080 | 1300 | 1080 | 900 | 1100 | 900 | 1500 | 2400 | 1500 |
| 450 | 800 | 1100 | 800 | 1200 | 1400 | 1200 | 1000 | 1150 | 1000 | 1900 | 1900 | 1900 |
| 500 | 850 | 1200 | 850 | 1350 | 1500 | 1350 | 1100 | 1100 | 1100 | 2000 | 200 | 2000 |
| 560 | * | * | * | * | * | * | * | * | * | * | * | * |
| 630 | 1100 | 1300 | 1100 | 1650 | 1900 | 1650 | 1450 | 1700 | 1450 | 2400 | 2500 | 2400 |
| 710 | * | * | * | * | * | * | * | * | * | * | * | * |

* Available on request

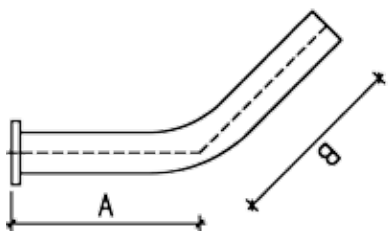


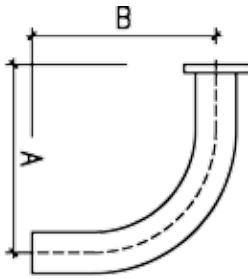

Notes:

1. Length of ebow also includes a straight section to makes connection to the elbow easier.
2. The dim.A is the length of the elbow with a flared end & flange.
3. Elbows with a plain end (for electrofusion or mechanical connector) can be ordered with a shorter length according to dim.B
4. Elbows with longer dimensions A or B can be specially ordered (after coordination with Golan Plastic Products).
5. Larger or smaller radii elbows are available by special order.
6. Elbows with angles not according to standard are supplied by special order.

# Prefabricated Elbows

| OD | Class | 1.5D | | 3D | |
|---|---|---|---|---|---|
| | | 45° | 90° | 45° | 90° |
| | | Cat. No. | Cat. No. | Cat. No. | Cat. No. |
| 50 | 15 | ELB504.6-451.5D | ELB504.6-901.5D | ELB504.6-453D | ELB504.6-903D |
| 50 | 19 | ELB505.6-451.5D | ELB505.6-451.5D | ELB505.6-453D | ELB505.6-453D |
| 50 | 24 | ELB506.9-451.5D | ELB506.9-901.5D | ELB506.9-453D | ELB506.9-903D |
| 50 | 30 | ELB508.3-451.5D | ELB508.3-451.5D | ELB508.3-453D | ELB508.3-453D |
| 63 | 10 | ELB633.9-451.5D | ELB633.9-901.5D | ELB633.9-453D | ELB633.9-903D |
| 63 | 12 | ELB634.7-451.5D | ELB634.7-451.5D | ELB634.7-453D | ELB634.7-453D |
| 63 | 15 | ELB635.8-451.5D | ELB635.8-901.5D | ELB635.8-453D | ELB635.8-903D |
| 63 | 19 | ELB637.1-451.5D | ELB637.1-901.5D | ELB637.1-453D | ELB637.1-903D |
| 63 | 24 | ELB638.6-451.5D | ELB638.6-901.5D | ELB638.6-453D | ELB638.6-903D |
| 63 | 30 | ELB6310.5-451.5D | ELB6310.5-901.5D | ELB6310.5-453D | ELB6310.5-903D |
| 75 | 10 | ELB754.6-451.5D | ELB754.6-901.5D | ELB754.6-453D | ELB754.6-903D |
| 75 | 12 | ELB755.6-451.5D | ELB755.6-451.5D | ELB755.6-453D | ELB755.6-453D |
| 75 | 15 | ELB756.8-451.5D | ELB756.8-901.5D | ELB756.8-453D | ELB756.8-903D |
| 75 | 19 | ELB758.4-451.5D | ELB758.4-901.5D | ELB758.4-453D | ELB758.4-903D |
| 75 | 24 | ELB7510.3-451.5D | ELB7510.3-901.5D | ELB7510.3-453D | ELB7510.3-903D |
| 75 | 30 | ELB7512.5-451.5D | ELB7512.5-901.5D | ELB7512.5-453D | ELB7512.5-903D |
| 90 | 10 | ELB905.6-451.5D | ELB905.6-901.5D | ELB905.6-453D | ELB905.6-903D |
| 90 | 12 | ELB906.7-451.5D | ELB906.7-451.5D | ELB906.7-453D | ELB906.7-453D |
| 90 | 15 | ELB908.2-451.5D | ELB908.2-901.5D | ELB908.2-453D | ELB908.2-903D |
| 90 | 19 | ELB9010.1-451.5D | ELB9010.1-901.5D | ELB9010.1-453D | ELB9010.1-903D |
| 90 | 24 | ELB9012.3-451.5D | ELB9012.3-901.5D | ELB9012.3-453D | ELB9012.3-903D |
| 90 | 30 | ELB9015.0-451.5D | ELB9015.0-901.5D | ELB9015.0-453D | ELB9015.0-903D |
| 110 | 10 | ELB1106.8-451.5D | ELB1106.8-901.5D | ELB1106.8-453D | ELB1106.8-903D |
| 110 | 12 | ELB1108.1-451.5D | ELB1108.1-451.5D | ELB1108.1-453D | ELB1108.1-453D |
| 110 | 15 | ELB11010-451.5D | ELB11010-901.5D | ELB11010-453D | ELB11010-903D |
| 110 | 19 | ELB11012.3-451.5D | ELB11012.3-901.5D | ELB11012.3-453D | ELB11012.3-903D |
| 110 | 24 | ELB11015.1-451.5D | ELB11015.1-901.5D | ELB11015.1-453D | ELB11015.1-903D |
| 110 | 30 | ELB11018.3-451.5D | ELB11018.3-901.5D | ELB11018.3-453D | ELB11018.3-903D |
| 125 | 10 | ELB1257.7-451.5D | ELB1257.7-901.5D | ELB1257.7-453D | ELB1257.7-903D |
| 125 | 12 | ELB1259.2-451.5D | ELB1259.2-451.5D | ELB1259.2-453D | ELB1259.2-453D |
| 125 | 15 | ELB12511.4-451.5D | ELB12511.4-901.5D | ELB12511.4-453D | ELB12511.4-903D |
| 125 | 19 | ELB12514.1-451.5D | ELB12514.1-901.5D | ELB12514.1-453D | ELB12514.1-903D |
| 125 | 24 | ELB12517.1-451.5D | ELB12517.1-901.5D | ELB12517.1-453D | ELB12517.1-903D |
| 125 | 30 | ELB12520.8-451.5D | ELB12520.8-901.5D | ELB12520.8-453D | ELB12520.8-903D |



# Prefabricated Elbows

| OD | Class | 1.5D | | 3D | |
|---|---|---|---|---|---|
| | | 45° | 90° | 45° | 90° |
| | | Cat. No. | Cat. No. | Cat. No. | Cat. No. |
| 140 | 10 | ELB1408.7-451.5D | ELB1408.7-901.5D | ELB1408.7-453D | ELB1408.7-903D |
| 140 | 12 | ELB14010.3-451.5D | ELB14010.3-451.5D | ELB14010.3-453D | ELB14010.3-453D |
| 140 | 15 | ELB14012.7-451.5D | ELB14012.7-901.5D | ELB14012.7-453D | ELB14012.7-903D |
| 140 | 19 | ELB14015.7-451.5D | ELB14015.7-901.5D | ELB14015.7-453D | ELB14015.7-903D |
| 140 | 24 | ELB14019.2-451.5D | ELB14019.2-901.5D | ELB14019.2-453D | ELB14019.2-903D |
| 140 | 30 | ELB14023.3-451.5D | ELB14023.3-901.5D | ELB14023.3-453D | ELB14023.3-903D |
| 160 | 10 | ELB1609.9-451.5D | ELB1609.9-901.5D | ELB1609.9-453D | ELB1609.9-903D |
| 160 | 12 | ELB16011.8-451.5D | ELB16011.8-451.5D | ELB16011.8-453D | ELB16011.8-453D |
| 160 | 15 | ELB16014.6-451.5D | ELB16014.6-901.5D | ELB16014.6-453D | ELB16014.6-903D |
| 160 | 19 | ELB16017.9-451.5D | ELB16017.9-901.5D | ELB16017.9-453D | ELB16017.9-903D |
| 160 | 24 | ELB16021.9-451.5D | ELB16021.9-901.5D | ELB16021.9-453D | ELB16021.9-903D |
| 160 | 30 | ELB16026.6-451.5D | ELB16026.6-901.5D | ELB16026.6-453D | ELB16026.6-903D |
| 180 | 10 | ELB18011.1-451.5D | ELB18011.1-901.5D | ELB18011.1-453D | ELB18011.1-903D |
| 180 | 12 | ELB18013.3-451.5D | ELB18013.3-451.5D | ELB18013.3-453D | ELB18013.3-453D |
| 180 | 15 | ELB18016.3-451.5D | ELB18016.3-901.5D | ELB18016.3-453D | ELB18016.3-903D |
| 180 | 19 | ELB18020.1-451.5D | ELB18020.1-901.5D | ELB18020.1-453D | ELB18020.1-903D |
| 180 | 24 | ELB18024.6-451.5D | ELB18024.6-901.5D | ELB18024.6-453D | ELB18024.6-903D |
| 180 | 30 | ELB18029.9-451.5D | ELB18029.9-901.5D | ELB18029.9-453D | ELB18029.9-903D |
| 200 | 10 | ELB20012.4-451.5D | ELB20012.4-901.5D | ELB20012.4-453D | ELB20012.4-903D |
| 200 | 12 | ELB20014.7-451.5D | ELB20014.7-453D | ELB20014.7-453D | ELB20014.7-453D |
| 200 | 15 | ELB20018.1-451.5D | ELB20018.1-901.5D | ELB20018.1-453D | ELB20018.1-903D |
| 200 | 19 | ELB20022.4-451.5D | ELB20022.4-901.5D | ELB20022.4-453D | ELB20022.4-903D |
| 200 | 24 | ELB20027.4-451.5D | ELB20027.4-901.5D | ELB20027.4-453D | ELB20027.4-903D |
| 200 | 30 | ELB20033.2-451.5D | ELB20033.2-901.5D | ELB20033.2-453D | ELB20033.2-903D |
| 225 | 10 | ELB22513.9-451.5D | ELB22513.9-901.5D | ELB22513.9-453D | ELB22513.9-903D |
| 225 | 12 | ELB22516.6-451.5D | ELB22516.6-451.5D | ELB22516.6-453D | ELB22516.6-453D |
| 225 | 15 | ELB22520.4-451.5D | ELB22520.4-901.5D | ELB22520.4-453D | ELB22520.4-903D |
| 225 | 19 | ELB22525.0-451.5D | ELB22525.0-901.5D | ELB22525.0-453D | ELB22525.0-903D |
| 225 | 24 | ELB22530.8-451.5D | ELB22530.8-901.5D | ELB22530.8-453D | ELB22530.8-903D |
| 225 | 30 | ELB22537.4-451.5D | ELB22537.4-901.5D | ELB22537.4-453D | ELB22537.4-903D |
| 250 | 10 | ELB25015.5-451.5D | ELB25015.5-901.5D | ELB25015.5-453D | ELB25015.5-903D |
| 250 | 12 | ELB25018.4-451.5D | ELB25018.4-901.5D | ELB25018.4-453D | ELB25018.4-903D |
| 250 | 15 | ELB25022.7-451.5D | ELB25022.7-901.5D | ELB25022.7-453D | ELB25022.7-903D |
| 250 | 19 | ELB25027.9-451.5D | ELB25027.9-901.5D | ELB25027.9-453D | ELB25027.9-903D |
| 250 | 24 | ELB25034.2-451.5D | ELB25034.2-901.5D | ELB25034.2-453D | ELB25034.2-903D |
| 250 | 30 | ELB25041.5-451.5D | ELB25041.5-901.5D | ELB25041.5-453D | ELB25041.5-903D |
| 280 | 10 | ELB28017.3-451.5D | ELB28017.3-901.5D | ELB28017.3-453D | ELB28017.3-903D |
| 280 | 12 | ELB28020.6-451.5D | ELB28020.6-901.5D | ELB28020.6-453D | ELB28020.6-903D |
| 280 | 15 | ELB28025.4-451.5D | ELB28025.4-901.5D | ELB28025.4-453D | ELB28025.4-903D |
| 280 | 19* | ELB28031.3-451.5D | ELB28031.3-901.5D | ELB28031.3-453D | ELB28031.3-903D |
| 280 | 24 | ELB28038.3-451.5D | ELB28038.3-901.5D | ELB28038.3-453D | ELB28038.3-903D |
| 280 | 30* | ELB28046.5-451.5D | ELB28046.5-901.5D | ELB28046.5-453D | ELB28046.5-903D |

* Minimum quantity required

# Prefabricated Elbows

| OD | Class | 1.5D | | 3D | |
|---|---|---|---|---|---|
| | | 45° | 90° | 45° | 90° |
| | | Cat. No. | Cat. No. | Cat. No. | Cat. No. |
| 315 | 10 | ELB31519.5-451.5D | ELB31519.5-901.5D | ELB31519.5-453D | ELB31519.5-903D |
| 315 | 12 | ELB31523.2-451.5D | ELB31523.2-901.5D | ELB31523.2-453D | ELB31523.2-903D |
| 315 | 15 | ELB31528.6-451.5D | ELB31528.6-901.5D | ELB31528.6-453D | ELB31528.6-903D |
| 315 | 19 | ELB31535.2-451.5D | ELB31535.2-901.5D | ELB31535.2-453D | ELB31535.2-903D |
| 315 | 24* | ELB31543.1-451.5D | ELB31543.1-901.5D | ELB31543.1-453D | ELB31543.1-903D |
| 315 | 30* | ELB31552.3-451.5D | ELB31552.3-901.5D | ELB31552.3-453D | ELB31552.3-903D |
| 355 | 10 | ELB35521.9-451.5D | ELB35521.9-901.5D | ELB35521.9-453D | ELB35521.9-903D |
| 355 | 12 | ELB35526.1-451.5D | ELB35526.1-901.5D | ELB35526.1-453D | ELB35526.1-903D |
| 355 | 15 | ELB35532.2-451.5D | ELB35532.2-901.5D | ELB35532.2-453D | ELB35532.2-903D |
| 355 | 19 | ELB35539.7-451.5D | ELB35539.7-901.5D | ELB35539.7-453D | ELB35539.7-903D |
| 355 | 24 | ELB35548.5-451.5D | ELB35548.5-901.5D | ELB35548.5-453D | ELB35548.5-903D |
| 355 | 30* | ELB35559.0-451.5D | ELB35559.0-901.5D | ELB35559.0-453D | ELB35559.0-903D |
| 400 | 10 | ELB40024.7-451.5D | ELB40024.7-901.5D | ELB40024.7-453D | ELB40024.7-903D |
| 400 | 12 | ELB40029.4-451.5D | ELB40029.4-901.5D | ELB40029.4-453D | ELB40029.4-903D |
| 400 | 15* | ELB40036.3-451.5D | ELB40036.3-901.5D | ELB40036.3-453D | ELB40036.3-903D |
| 400 | 19* | ELB40044.7-451.5D | ELB40044.7-901.5D | ELB40044.7-453D | ELB40044.7-903D |
| 400 | 24* | ELB40054.7-451.5D | ELB40054.7-901.5D | ELB40054.7-453D | ELB40054.7-903D |
| 400 | 30* | ELB40066.7-451.5D | ELB40066.7-901.5D | ELB40066.7-453D | ELB40066.7-903D |
| 450 | 10 | ELB45027.8-451.5D | ELB45027.8-901.5D | ELB45027.8-453D | ELB45027.8-903D |
| 450 | 12 | ELB45033.1-451.5D | ELB45033.1-901.5D | ELB45033.1-453D | ELB45033.1-903D |
| 450 | 15* | ELB45040.9-451.5D | ELB45040.9-901.5D | ELB45040.9-453D | ELB45040.9-903D |
| 450 | 19 | ELB45050.3-451.5D | ELB45050.3-901.5D | ELB45050.3-453D | ELB45050.3-903D |
| 450 | 24* | ELB45061.5-451.5D | ELB45061.5-901.5D | ELB45061.5-453D | ELB45061.5-903D |
| 450 | 30* | ELB45075.0-451.5D | ELB45075.0-901.5D | ELB45075.0-453D | ELB45075.0-903D |
| 500 | 10 | ELB50030.9-451.5D | ELB50030.9-901.5D | ELB50030.9-453D | ELB50030.9-903D |
| 500 | 12 | ELB50036.7-451.5D | ELB50036.7-901.5D | ELB50036.7-453D | ELB50036.7-903D |
| 500 | 15 | ELB50045.4-451.5D | ELB50045.4-901.5D | ELB50045.4-453D | ELB50045.4-903D |
| 500 | 19* | ELB50055.8-451.5D | ELB50055.8-901.5D | ELB50055.8-453D | ELB50055.8-903D |
| 500 | 24* | ELB50068.5-451.5D | ELB50068.5-901.5D | ELB50068.5-453D | ELB50068.5-903D |
| 500 | 30* | ELB500 83.5-451.5D | ELB500 83.5-901.5D | ELB500 83.5-453D | ELB500 83.5-903D |
| 560 | 10** | ELB56034.6-451.5D | ELB56034.6-901.5D | ELB56034.6-453D | ELB56034.6-903D |
| 560 | 12** | ELB56041.2-451.5D | ELB56041.2-901.5D | ELB56041.2-453D | ELB56041.2-903D |
| 560 | 15** | ELB56050.8-451.5D | ELB56050.8-901.5D | ELB56050.8-453D | ELB56050.8-903D |
| 560 | 19** | ELB56062.5-451.5D | ELB56062.5-901.5D | ELB56062.5-453D | ELB56062.5-903D |
| 560 | 24** | ELB56076.7-451.5D | ELB56076.7-901.5D | ELB56076.7-453D | ELB56076.7-903D |
| 560 | 30** | ELB56093.5-451.5D | ELB56093.5-901.5D | ELB56093.5-453D | ELB56093.5-903D |
| 630 | 10 | ELB63038.9-451.5D | ELB63068.9-901.5D | ELB63038.9-453D | ELB63068.9-903D |
| 630 | 12* | ELB63046.6-451.5D | ELB63046.6-901.5D | ELB63046.6-453D | ELB63046.6-903D |
| 630 | 15* | ELB63057.2-451.5D | ELB63057.2-901.5D | ELB63057.2-453D | ELB63057.2-903D |
| 630 | 19* | ELB63070.0-451.5D | ELB63070.0-901.5D | ELB63070.0-453D | ELB63070.0-903D |
| 630 | 24* | ELB63086.3-451.5D | ELB63086.3-901.5D | ELB63086.3-453D | ELB63086.3-903D |
| 630 | 30* | ELB630105-451.5D | ELB630105-901.5D | ELB630105-453D | ELB630105-903D |
| 710 | 10 | ELB71043.8-451.5D | ELB71043.8-901.5D | ELB71043.8-453D | ELB71043.8-903D |
| 710 | 12** | ELB71052.2-451.5D | ELB71052.2-901.5D | ELB71052.2-453D | ELB71052.2-903D |
| 710 | 15** | ELB71064.5-451.5D | ELB71064.5-901.5D | ELB71064.5-453D | ELB71064.5-903D |
| 710 | 19** | ELB71078.9-451.5D | ELB71078.9-901.5D | ELB71078.9-453D | ELB71078.9-903D |
| 710 | 24** | ELB71097.3-453D | ELB71097.3-901.5D | ELB71097.3-453D | ELB71097.3-903D |
| 710 | 30** | ELB710118.3-453D | ELB710118.3-901.5D | ELB710118.3-453D | ELB710118.3-903D |

* Minimum quantity required ** By special order

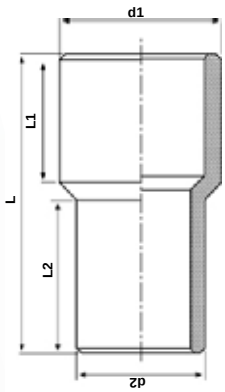
# Spigot Reducers

The sizes in the table are only a partial list and other sizes are available on request.

When using Spigot reducers to connect with electrofusion couplers, the end user can reduce the L1 or L2 dimensions.

To order Pexgol spigot reducers, referv to the order form on our website:

www.Pexgol.com/support




# Dimensions of Spigot Reducers

| Cat. No. | Size d1 x d2 | Size L | Size L1 | Size L2 | Weight (kg) Class 10 | Weight (kg) Class 15 | Weight (kg) Class 24 |
|---|---|---|---|---|---|---|---|
| RED75x63 | 75x63 | 405 | 205 | 175 | 0.20 | 0.3 | 0.43 |
| RED90x75 | 90x75 | 420 | 215 | 180 | 0.34 | 0.49 | 0.7 |
| RED90x63 | 90x63 | 420 | 215 | 175 | 0.35 | 0.49 | 0.71 |
| RED110x90 | 110x90 | 580 | 280 | 270 | 0.55 | 0.79 | 1.14 |
| RED110x75 | 110x75 | 580 | 280 | 255 | 0.56 | 0.8 | 1.16 |
| RED110x63 | 110x63 | 580 | 280 | 240 | 0.57 | 0.81 | 1.17 |
| RED125x110 | 125x110 | 620 | 280 | 280 | 0.73 | 1.04 | 1.48 |
| RED125x90 | 125x90 | 620 | 280 | 270 | 0.78 | 1.12 | 1.59 |
| RED140x125 | 140x125 | 700 | 360 | 290 | 0.98 | 1.38 | 1.98 |
| RED140x110 | 140x110 | 700 | 360 | 280 | 1 | 1.41 | 2.03 |
| RED160x140 | 160x140 | 720 | 355 | 360 | 1.32 | 1.88 | 2.68 |
| RED160x125 | 160x125 | 720 | 355 | 350 | 1.4 | 2 | 2.85 |
| RED160x110 | 160x110 | 720 | 355 | 340 | 1.43 | 2.04 | 2.9 |
| RED180x160 | 180x160 | 580 | 260 | 255 | 2.1 | 3 | 4.2 |
| RED180x140 | 180x140 | 580 | 260 | 245 | 1.5 | 2.2 | 3.1 |
| RED180x125 | 180x125 | 580 | 260 | 235 | 1.6 | 2.3 | 3.3 |
| RED200x160 | 200x160 | 580 | 260 | 255 | 2.45 | 3.46 | 4.97 |
| RED200x110 | 200x110 | 580 | 260 | 255 | 2.68 | 3.8 | 5.46 |
| RED225x200 | 225x200 | 590 | 250 | 270 | 3.23 | 4.6 | 6.58 |
| RED225x180 | 225x180 | 590 | 260 | 260 | 3.1 | 4.35 | 6.2 |
| RED225x160 | 225x160 | 590 | 260 | 260 | 3.45 | 4.92 | 7.03 |
| RED250x225 | 250x225 | 680 | 330 | 320 | 4.25 | 6.02 | 8.74 |
| RED250x200 | 250x200 | 680 | 330 | 320 | 4.41 | 6.24 | 9.07 |
| RED250x160 | 250x160 | 680 | 330 | 320 | 4.68 | 6.63 | 9.63 |
| RED280x250 | 280x250 | 700 | 340 | 330 | 5.72 | 8.15 | 15.57 |
| RED280x225 | 280x225 | 700 | 300 | 320 | 5.98 | 8.51 | 16.26 |
| RED315x280 | 315x280 | 770 | 340 | 330 | 7.82 | 11.14 | 18.87 |
| RED315x250 | 315x250 | 770 | 340 | 330 | 8.13 | 11.58 | 19.62 |
| RED355x315 | 355x315 | 795 | 350 | 340 | 10.7 | 15.25 | 23 |
| RED355x280 | 355x280 | 795 | 350 | 340 | 11.31 | 16.12 | 24.3 |
| RED400x355 | 400x355 | 815 | 355 | 350 | 15.02 | 21.44 | 28.58 |
| RED400x315 | 400x315 | 815 | 355 | 350 | 15.72 | 22.43 | 29.91 |
| RED450x400 | 450x400 | 865 | 275 | 355 | 21.1 | 30.17 | 36.76 |
| RED450x355 | 450x355 | 865 | 400 | 355 | 21.96 | 31.4 | 38.26 |
| RED500x450 | 500x450 | 631 | 302 | 275 | 28.4 | 40.7 | 43.22 |
| RED500x400 | 500x400 | 659 | 302 | 249 | 29.66 | 42.51 | 45.14 |
| RED630x500 | 630x500 | 782 | 340 | 302 | 55.94 | 79.49 | 67.52 |
| RED630x450 | 630x450 | 809 | 340 | 275 | 57.87 | 82.24 | 69.85 |

# Pex 2 Pex Fittings

### Pex2Pex electrofusion fittings for high temperature working conditions:

In addition to mechanical fittings, the Pexgol system also offers a welding solution. Items with the brand name PLASSON Pex2Pex, are suitable for Pexgol pipes class 15 SDR11 in all the temperature and pressure ranges of this pipe class.

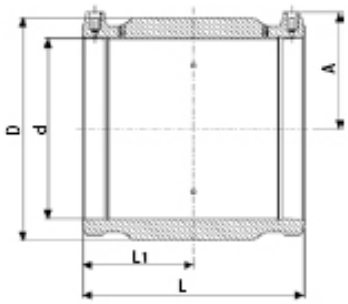
The couplers are not UV resistant and must be protected from UV light.

### Special high temperature electrofusion couplers:

Golan offers special high temperature electrofusion couplers for conditions requiring higher working pressures or pipe dimensions for which Pex2Pex couplers are not available. Please consult Golan's application engineer.

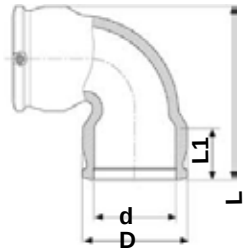
Prior to using Pex2Pex fittings for the first time, please consult Golan regarding on site training.

# Pex 2 Pex Coupler



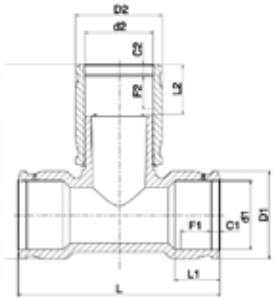

| Cat. No. | Pipe | D | L | L1 | Weight (kg) |
|---|---|---|---|---|---|
| 480100050 | 50 | 68 | 100 | 48.5 | 0.143 |
| 480100063 | 63 | 82 | 118 | 57 | 0.22 |
| 480100075 | 75 | 97 | 125 | 61 | 0.33 |
| 480100090 | 90 | 115 | 145 | 70.7 | 0.53 |
| 480100110 | 110 | 139 | 161 | 79 | 0.82 |
| 480100125 | 125 | 155 | 169 | 83 | 1.00 |
| 480100160 | 160 | 196 | 192 | 94.7 | 1.77 |

## Pex 2 Pex 90° Elbow



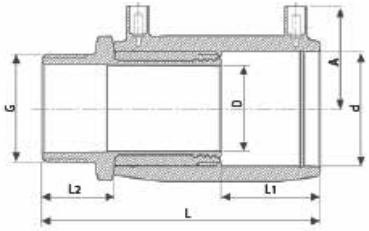

| Cat. No. | Pipe | D | L | L1 | Weight (kg) |
|---|---|---|---|---|---|
| 480500075 | 75 | 96 | 149.5 | 60.7 | 0.50 |
| 480500090 | 90 | 110.5 | 201.5 | 70 | 0.84 |
| 480500110 | 110 | 140 | 234 | 71 | 1.52 |
| 480500125 | 125 | 163.1 | 271 | 81 | 2.33 |

## Pex 2 Pex Tees



| Cat. No. | Nominal dia | D1 | D2 | L | L1 | L2 | A | Weight (kg) |
|---|---|---|---|---|---|---|---|---|
| 480400050 | 50 | 68 | 68 | 139 | 48.5 | 48.5 | 155 | 0.374 |
| 480400063 | 63 | 82 | 82 | 166 | 57.5 | 57.3 | 188 | 0.598 |
| 480400075 | 75 | 97 | 96 | 195 | 58.5 | 61 | 232 | 0.997 |
| 480400090 | 90 | 112 | 115 | 292 | 70.5 | 70.7 | 252 | 1.7 |
| 480400110 | 110 | 142.5 | 138.5 | 327.5 | 71.5 | 79 | 296 | 2.386 |
| 480400125 | 125 | 163 | 154.5 | 380 | 85 | 83 | 326 | 3.838 |

## Pex 2 Pex Brass Connector




| Cat. No. | Pipe d | G | D | L | L1 | Weight (kg) |
|---|---|---|---|---|---|---|
| 482100050015 | 50 | 1.5" | 38 | 136 | 48.5 | 0.53 |
| 482100063020 | 63 | 2" | 48 | 160 | 57 | 0.9 |
| 482100075020 | 75 | 2" | 59 | 166 | 61 | 1.3 |
| 482100075025 | 75 | 2 1/2" | 59 | 171 | 61 | 1.5 |

# Flanged Coupler For Pexgol Pipes

Available sizes from diameters 63mm to 710mm.

The flange has oval holes designed to fit most international standards. See table 62.1.

The couplers can be used for the full range of temperatures and pressures, the same as Pexgol pipes. Pexgol flanged couplers consist of either two halves or four quarters, depending on the pipe size.

The body of the coupler is made of spheroidal (ductile) cast iron GGG40 (ASTM A-536). The standard gaskes are made of EPDM. Bolts to connect the two halves or four quarters are included.

| Cat. No. | Pipe OD (mm) |
|---|---|
| 50806320 | 63 |
| 50807525 | 75 |
| 50809030 | 90 |
| 50811040 | 110 |
| 50812540 | 125 |
| 50814060 | 140 |
| 50816060 | 160 |
| 50818060 | 180 |
| 50820080 | 200 |
| 50822580 | 225 |
| 50825010 | 250 |
| 50928010 | 280 ASA |
| 50828010 | 280 BS |
| 50831512 | 315 |
| 50835514 | 355 |
| 50840016 | 400 |
| 50845018 | 450 |
| 50850020 | 500 |
| 50863024 | 630 |
| 50871028 | 710 |

For additional details and dimensions, please our Engineering & Applications Guide.

# Hydrant Connector

| Cat. No. | Size |
|---|---|
| 85511004 | 110mm |

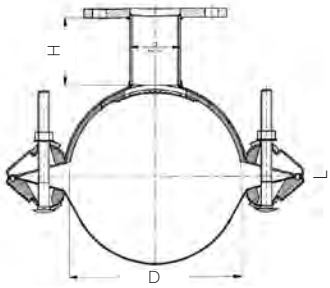
# Branch-off Saddles

Branch-off saddles are designed for side outlets with a maximum diameter equal to half of the main pipe's diameter. Threaded or flanged outlets (according to ASA 150, BSTD or other standard requirements) are available.

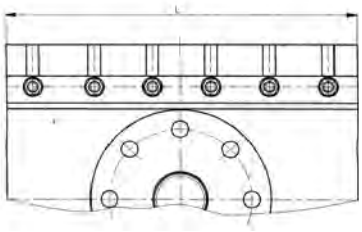
Golan's stainless steel saddles are supplied for diameters from 110mm to 710mm. They can be used for the full temperature and pressure ranges of Pexgol pipes.

For the installation of saddles, see instructions at:

www.pexgol.com/support




All stainless steel saddles are suitable for transporting drinking water. Saddles with internal rubber lining at the flange outlet are available for corrosive materials that might damage the stainless steel saddles. Golan supplies these saddles by special request.



## Stainless Steel Branch-off Saddles/ASA 150 Flanged Outlet

| Cat. No. | OD [D] and flange size | H (mm) | L (mm) | Weight (kg) |
|---|---|---|---|---|
| 46811002 | 110x2" | 120 | 225 | 5.5 |
| 46811003 | 110x3" | 120 | 225 | 6.3 |
| 46812502 | 125x2" | 120 | 225 | 7.0 |
| 46812503 | 125x3" | 120 | 225 | 7.0 |
| 46814002 | 140x2" | 120 | 300 | 7.0 |
| 46814003 | 140x3" | 120 | 300 | 7.0 |
| 468916002 | 160x2" | 120 | 300 | 7.0 |
| 46816003 | 160x3" | 120 | 300 | 9.0 |
| 46816004 | 160x4" | 120 | 300 | 9.5 |
| 468918002 | 180x2" | 120 | 300 | 7.0 |
| 46818003 | 180x3" | 120 | 300 | 9.0 |
| 46818004 | 180x4" | 120 | 300 | 9.5 |
| 46820002 | 200x2" | 120 | 375 | 14.0 |
| 46820003 | 200x3" | 120 | 375 | 15.0 |
| 46820004 | 200x4" | 120 | 375 | 15.0 |
| 46822502 | 225x2" | 120 | 375 | 15.0 |
| 46822503 | 225x3" | 120 | 375 | 15.6 |
| 46822504 | 225x4" | 120 | 375 | 16.0 |
| 46822506 | 225x6" | 150 | 375 | 19.0 |
| 46825002 | 250x2" | 120 | 450 | 16.0 |
| 46825003 | 250x3" | 120 | 450 | 17.0 |
| 46825004 | 250x4" | 120 | 450 | 18.0 |
| 46825006 | 250x6" | 150 | 450 | 20.0 |
| 46928002 | 280x2" | 120 | 450 | 17.0 |
| 46928003 | 280x3" | 120 | 450 | 18.0 |
| 46928004 | 280x4" | 120 | 450 | 20.0 |
| 46828006 | 280x6" | 150 | 450 | 23.0 |

# Stainless Steel Branch-off Saddles/ASA150 Flanged Outlet

| Cat. No. | OD [D] and flange size | H (mm) | L (mm) | Weight (kg) |
|---|---|---|---|---|
| 46831502 | 315x2" | 120 | 450 | 18.0 |
| 46831503 | 315x3" | 120 | 450 | 20.0 |
| 46831504 | 315x4" | 120 | 450 | 21.0 |
| 46831506 | 315x6" | 150 | 450 | 23.0 |
| 46831508 | 315x8" | 150 | 450 | 28.0 |
| 46835502 | 355x2" | 120 | 450 | 19.0 |
| 46835503 | 355x3" | 120 | 450 | 21.0 |
| 46835504 | 355x4" | 120 | 450 | 22.0 |
| 46835506 | 355x6" | 150 | 450 | 25.0 |
| 46835508 | 355x8" | 150 | 450 | 29.0 |
| 46840003 | 400x3" | 120 | 525 | 23.0 |
| 46840004 | 400x4" | 120 | 525 | 23.0 |
| 46840006 | 400x6" | 150 | 525 | 26.0 |
| 46840008 | 400x8" | 150 | 525 | 30.0 |
| 46845003 | 450x3" | 120 | 525 | 24.0 |
| 46845004 | 450x4" | 120 | 525 | 24.0 |
| 46845006 | 450x6" | 150 | 525 | 27.0 |
| 46845008 | 450x8" | 150 | 525 | 31.0 |
| 46850003 | 500x3" | 120 | 525 | 26.0 |
| 46850004 | 500x4" | 120 | 525 | 26.0 |
| 46850006 | 500x6" | 150 | 525 | 28.0 |
| 46850008 | 500x8" | 150 | 525 | 32.0 |
| 46863003 | 630x3" | 120 | 525 | 29.0 |
| 46863004 | 630x4" | 120 | 525 | 30.0 |
| 46863006 | 630x6" | 150 | 525 | 32.0 |
| 46863008 | 630x8" | 150 | 525 | 36.0 |

# Stainless Steel Branch-off Saddles/Female Thread Outlet

| Cat. No. | OD [D] and flange size | H (mm) | L (mm) | Weight (kg) |
|---|---|---|---|---|
| 47011020 | 110x2" | 120 | 225 | 5.5 |
| 47011030 | 110x3" | 120 | 225 | 6.3 |
| 47016020 | 160x2" | 120 | 300 | 7.0 |
| 47016030 | 160x3" | 120 | 300 | 9.0 |
| 47018020 | 180x2" | 120 | 300 | 7.0 |
| 47018030 | 180x3" | 120 | 300 | 9.0 |
| 47020020 | 200x2" | 120 | 375 | 14.0 |
| 47020030 | 200x3" | 120 | 375 | 15.0 |
| 47022520 | 225x2" | 120 | 375 | 15.0 |
| 47022530 | 225x3" | 120 | 375 | 15.6 |
| 47025020 | 250x2" | 120 | 450 | 16.0 |
| 47025030 | 250x3" | 120 | 450 | 17.0 |
| 47028020 | 280x2" | 120 | 450 | 17.0 |
| 47028030 | 280x3" | 120 | 450 | 18.0 |
| 47031520 | 315x2" | 120 | 450 | 18.0 |
| 47031530 | 315x3" | 120 | 450 | 20.0 |
| 47035520 | 355x2" | 120 | 450 | 19.0 |
| 47035530 | 355x3" | 120 | 450 | 21.0 |
| 47040030 | 400x3" | 120 | 525 | 23.0 |
| 47045030 | 450x3" | 120 | 525 | 24.0 |
| 47050030 | 500x3" | 120 | 525 | 26.0 |
| 47063030 | 630x3" | 120 | 525 | 29.0 |

# Brass Fittings

Golan's brass fittings can be used for the full temperature and pressure ranges of Pexgol pipes. Brass saddles with threaded outlets are used for pipes with diameters from 32mm to 160mm.

## Branch-Off Saddles - Male/Female Thread

| Brass | DZR Brass | Thread |
|---|---|---|
| 44203205 | - | 32 x 1/2" F |
| 44403207 | - | 32 x 3/4" M |
| 44204005 | - | 40 x 1/2" F |
| 44404007 | - | 40 x 3/4" M |
| 44205007 | - | 50 x 3/4" F |
| 44405007 | - | 50 x 1" M |
| 44206307 | - | 63 x 3/4" M |
| 44206310 | - | 63 x 1" F |
| - | 44506315 | 63 x 1 1/4" M |
| - | 44506302 | 63 x 2" F |
| 44207515 | - | 75 x 1 1/2" |
| - | 44507502 | 75 x 2" F |
| - | 44509002 | 90 x 2" F |
| - | 44511002 | 110 x 2" F |
| - | 44516002 | 160 x 2" F |

## Gp Bolt Connectors - Dzr Brass - Male/Female Bspt Thread

| Cat. No. | Pipe | Class | Male Thread | D |
|---|---|---|---|---|
| 29423210 | 32 x 2.9 | 15 | 1" | 55 |
| 30473210 | 32 x 4.4 | 24 | 1" | 55 |
| 29424012 | 40 x 3.7 | 15 | 1 1/4" | 77 |
| 30474012 | 40 x 5.5 | 24 | 1 1/4" | 77 |
| 29425015 | 50 x 4.6 | 15 | 1 1/2" | 85 |
| 30475015 | 50 x 6.9 | 24 | 1 1/2" | 85 |
| 29426320 | 63 x 5.8 | 15 | 2" | 105 |
| 30476320 | 63 x 8.7 | 24 | 2" | 105 |
| 29427525 | 75 x 6.8 | 15 | 2 1/2" | 115 |
| 30477525 | 75 x 10.3 | 24 | 2 1/2" | 115 |
| 29429030 | 90 x 8.2 | 15 | 3" | 140 |
| 30479030 | 90 x 12.3 | 24 | 3" | 140 |
| 29421104 | 110 x 10.0 | 15 | 4" | 160 |
| 30471104 | 110 x 15.1 | 24 | 4" | 160 |
| 294212504 | 125 x 11.4 | 15 | 4" | 200 |
| 304712504 | 125 x 17.1 | 24 | 4" | 200 |
| 29421606 | 160 x 14.6 | 15 | 6" | 230 |
| 30471606 | 160 x 21.9 | 24 | 6" | 230 |

## Hela 8010 Pex Double Bolt Connector Class 15/24

| Cat. No. | Pipe | Class |
|---|---|---|
| 91032001 | 32 x 2.9 | 15 |
| 91032002 | 32 x 4.4 | 24 |
| 91040001 | 40 x 3.7 | 15 |
| 91040002 | 40 x 5.5 | 24 |
| 91050001 | 50 x 4.6 | 15 |
| 91050002 | 50 x 6.9 | 24 |
| 91063001 | 63 x 5.8 | 15 |
| 91063002 | 63 x 8.7 | 24 |
| 91075001 | 75 x 6.8 | 15 |
| 91075002 | 75 x 10.3 | 24 |
| 91090001 | 90 x 8.2 | 15 |
| 91090002 | 90 x 12.3 | 24 |
| 91011001 | 110 x 10.0 | 15 |
| 91011002 | 110 x 15.1 | 24 |
| 91012501 | 125 x 11.4 | 15 |
| 91012502 | 125 x 17.1 | 24 |
| 91016001 | 160 x 14.6 | 15 |
| 91016002 | 160 x 21.9 | 24 |
| 91016000 | 160 x 14.6 stainless steel | 15 |

## Hela 8045 Pex Double Connector with Side Outlet Class 24

| Cat. No. | Pipe | Class | Thread |
|---|---|---|---|
| 42405405 | 40 x 5.5 | 24 | 1" |
| 42506506 | 50 x 6.9 | 24 | 1 1/4" |
| 42638638 | 63 x 8.7 | 24 | 1 1/4" |

## Hela 8047 Reducing Connector with Side Outlet Class 24

| Cat. No. | Pipe | Class | Thread |
|---|---|---|---|
| 42325323 | 25 x 3.5 / 32 x 4.4 | 24 | 3/4" |
| 42332403 | 32 x 4.4 / 40 x 5.5 | 24 | 3/4" |
| 42340501 | 40 x 5.5 / 50 x 6.9 | 24 | 1" |
| 42350631 | 50 x 6.9 / 63 x 8.7 | 24 | 1 1/4" |

## TEE Female DZR Brass

| Cat. No. | Cat. No. DZR Brass | Thread (inch) |
|---|---|---|
| 42250511 | - | 0.50 |
| 42250711 | - | 0.75 |
| - | 42251011 | 1.00 |
| - | 42231211 | 1.25 |
| - | 42231511 | 1.50 |
| - | 42232011 | 2.00 |
| - | 42232511 | 2.50 |
| - | 42233011 | 3.00 |
| - | 42234011 | 4.00 |

## Bushing DZR Brass

| Cat. No. | Cat. No. DZR Brass | Thread (inch) |
|---|---|---|
| 53320507 | | 3/4" x 1/2" |
| - | 53320510 | 1" x 1/2" |
| - | 53320710 | 1" x 3/4" |
| - | 53310712 | 1 1/4" x 3/4" |
| - | 53310715 | 1 1/2" x 3/4" |
| - | 53331012 | 1 1/4" x 1" |
| - | 53331015 | 1 1/2" x 1" |
| - | 53331215 | 1 1/2" x 1 1/4" |
| - | 53330720 | 2" x 3/4" |
| - | 53331020 | 2" x 1" |
| - | 53331220 | 2" x 1 1/4" |
| - | 53331520 | 2" x 1 1/2" |
| - | 53332512 | 2 1/2" x 1 1/4" |
| - | 53331525 | 2 1/2" x 1 1/2" |
| - | 53332025 | 2 1/2" x 2" |
| - | 53332030 | 3" x 2" |
| - | 53333025 | 3" x 2 1/2" |
| - | 53334020 | 4" x 2" |
| - | 53334025 | 4" x 2 1/2" |
| - | 53334030 | 4" x 3" |

## Female Coupler DZR Brass

| Cat. No. | Cat. No. DZR Brass | Thread (inch) |
|---|---|---|
| 57220511 | - | 0.50 |
| 57220711 | - | 0.75 |
| - | 57221011 | 1.00 |
| - | 57231211 | 1.25 |
| - | 57231511 | 1.50 |
| - | 57232011 | 2.00 |
| - | 57232015 | 2.50 |
| - | 57233011 | 3.00 |
| - | 57234011 | 4.00 |

## Nipple DZR Brass

| Cat. No. | Cat. No. DZR Brass | Thread (inch) |
|---|---|---|
| 55410511 | - | 1/2" |
| 55410711 | - | 3/4" |
| - | 55431011 | 1" |
| - | 55431211 | 1 1/4" |
| - | 55431511 | 1 1/2" |
| - | 55432011 | 2" |
| - | 55432511 | 2 1/2" |
| - | 55433011 | 3" |
| - | 55434011 | 4" |

## Reducing Nipple DZR Brass

| Cat. No. | Cat. No. DZR Brass | Thread (inch) |
|---|---|---|
| 27420705 | - | 3/4" x 1/2" |
| - | 27420710 | 1" x 3/4" |
| - | 27411215 | 1 1/2" x 1 1/4" |
| - | 27431220 | 2" x 1 1/4" |
| - | 27431520 | 2" x 1 1/2" |
| - | 27431525 | 2 1/2" x 1 1/2" |
| - | 27432025 | 2 1/2" x 2" |
| - | 27433020 | 3" x 2" |
| - | 27434030 | 4" x 3" |

## Male/Female Elbow 90° (Material Brass CuZn40Pb2/DZR Brass)

| Cat. No. Stand. Brass | Cat.No. Dzr Brass | Size |
|---|---|---|
| - | 32310511 | 1/2" |
| - | 32310711 | 3/4" |
| - | 32331011 | 1" |
| - | 32331211 | 1 1/4" |
| - | 32331511 | 1 1/2" |
| - | 32332011 | 2" |
| - | 32332511 | 2 1/2" |
| - | 32333011 | 3" |

## Female Elbow 90°

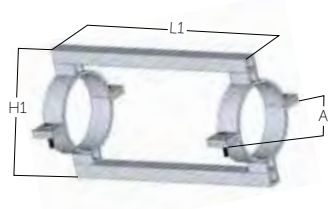
| Cat. No. Stand. Brass | Cat.No. Dzr Brass | Size |
|---|---|---|
| 32230511 | - | 1/2" |
| 32230711 | - | 3/4" |
| - | 32231011 | 1" |
| - | 32231211 | 1 1/3" |
| - | 32231511 | 1 1/2" |
| - | 32232011 | 2" |
| - | 32232511 | 2 1/2" |
| - | 32233011 | 3" |
| - | 32234011 | 4" |

# Fixpoint Clamps

| Cat. No. | Pipe Diameter (mm) | Length W (mm) | Width A (mm) | Weight (kg) |
|---|---|---|---|---|
| 66206302 | 63 | 40 | 185 | 1.11 |
| 66207525 | 75 | 40 | 195 | 1.17 |
| 66209003 | 90 | 40 | 210 | 1.25 |
| 66211004 | 110 | 50 | 230 | 1.67 |
| 66212505 | 125 | 50 | 250 | 1.86 |
| 66214006 | 140 | 50 | 260 | 1.94 |
| 66216006 | 160 | 50 | 280 | 2.05 |
| 66218006 | 180 | 55 | 700 | 2.5 |
| 66220008 | 200 | 60 | 320 | 3.61 |
| 66222508 | 225 | 80 | 350 | 5.12 |
| 66225010 | 250 | 80 | 370 | 5.46 |
| 66228010 | 280 | 80 | 400 | 5.97 |
| 66231512 | 315 | 80 | 435 | 6.46 |
| 66235514 | 355 | 100 | 475 | 8.84 |
| 66240016 | 400 | 100 | 520 | 9.79 |
| 66245018 | 450 | 100 | 570 | 10.80 |
| 66250020 | 500 | 100 | 620 | 11.85 |
| 66263024 | 630 | 100 | 754 | 14.45 |

# Fixpoint Bridge for Pexgol pipes

| Cat. No. | Pipe Diameter (mm) | Clamp width W | Clamp size A | Bolt size | Total length L1 | Height H1 | Weight (kg) |
|---|---|---|---|---|---|---|---|
| 301063 | 63 | 40 | 185 | 1/2" | 260 | 290 | 6.14 |
| 301075 | 75 | 40 | 195 | 1/2" | 270 | 300 | 6.32 |
| 301090 | 90 | 40 | 210 | 1/2" | 320 | 350 | 7.31 |
| 301110 | 110 | 50 | 230 | 5/8" | 360 | 380 | 8.86 |
| 301125 | 125 | 50 | 250 | 5/8" | 360 | 380 | 8.83 |
| 301140 | 140 | 50 | 260 | 5/8" | 380 | 480 | 10.14 |
| 301160 | 160 | 50 | 280 | 5/8" | 380 | 480 | 10.11 |
| 301180 | 180 | 60 | 300 | 3/4" | 400 | 480 | 11.5 |
| 301200 | 200 | 60 | 320 | 3/4" | 420 | 480 | 13.09 |
| 301225 | 225 | 80 | 350 | 3/4" | 460 | 500 | 19.20 |
| 301250 | 250 | 80 | 370 | 3/4" | 510 | 560 | 18.25 |
| 301280 | 280 | 80 | 400 | 3/4" | 520 | 560 | 19.01 |
| 301315 | 315 | 80 | 435 | 3/4" | 580 | 650 | 21.14 |
| 301355 | 355 | 100 | 475 | 1" | 650 | 700 | 26.64 |
| 301400 | 400 | 100 | 520 | 1" | 750 | 750 | 29.47 |
| 301450 | 450 | 100 | 570 | 1" | 750 | 800 | 31.48 |
| 301500 | 500 | 100 | 620 | 1" | 800 | 850 | 34.03 |
| 301630 | 630 | 100 | 754 | 1" | 800 | 950 | 38.87 |



# Pex-Lined Fittings

**These specifications cover materials, manufacturing, testing, inspection and packaging standards for standard and custom made Pex-lined fittings.**

Pex-lined steel fittings consist of a steel flanged fitting lined with thick black Pex coating which extends over the full face of the flanges. This type of fitting is used as a standard fitting (Tee, elbow, reducer, etc.). Non-standard items can also be supplied, subject to approval by Golan's technical department.

## Manufacturing materials

All materials used are traceable to origin and records are maintained for a minimum of three years. When specified, material and/or test certificates is supplied.

## Pex lining

Pex lining is made from resin conforming to the requirements of materials as defined in ASTM specification D1998-04.

The lining is made from virgin resin, meeting the requirements of ASTM D1998-04.

When tested in accordance with ASTM D638, the minimum tensile strength is 23 N/mm$^2$ and the minimum elongation is 300%.

## Fittings

Fabricated fittings are manufactured from the materials stated above.

Cast fittings are manufactured from the following:

Ductile iron – ASTM A395, BS2789 grade 420/12 or DIN 1693 Part 1 GGG40.

Cast steel – ASTM A216 WCB or equivalent.

Flanges and welding – neck collars are forged steel to ASTM A105 N.

Slip on welding collars are steel plate to BS1501-161-430A, DIN 17100 grades RSt 37-2 or NF A 35-501 grade E24, EN 10025 or equivalent.

## Fabrication standards

Qualification of welding procedures, welders and welding operators are in accordance with section

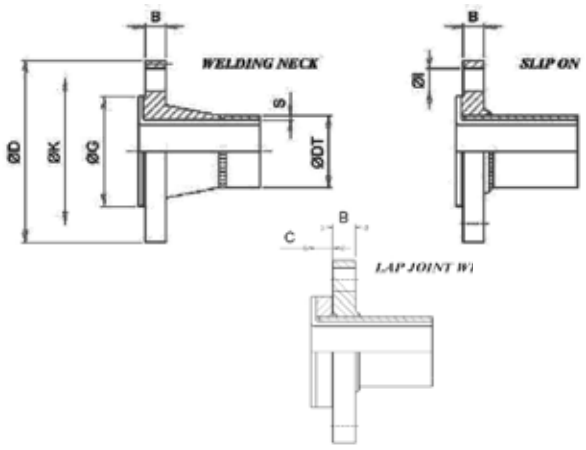
IX of the ASME Boiler and Pressure Vessel Code or BS 4870: Part 1 and BS 4871: Part 1, DIN 8560 or EN-288-3.

All welds are visually examined and assessed in accordance with ASME B31.3 or relevant code.

## Dimensional standards

- Flanged cast steel fittings are in accordance with ANSI B16.5 Class 150.
- Flanged ductile Iron fittings are in accordance with ANSI B16.42 Class 150.
- Fabricated fittings are in accordance with the dimensions shown in the following Tables.
- Pipe diameters and wall thicknesses are in accordance with the dimensions in the following tables.
- Flanges for pipe and fittings are in accordance with ANSI B16.5 Class 150.
- Flanges are slip on welding, socket welding or welding neck types.
- Loose backing flanges are suitable for use with welding collars.
- All relevant dimensions and tolerances are in accordance with ANSI B16.5 Class 150.
- Threaded bolt holes are not permitted except for reducing flanges. Threaded bolt holes in reducing flanges are UNC unless specified otherwise.
- Welding collars for use with loose backing flanges are slip on welding, socket welding or welding neck type.

- The diameters and thicknesses are given in the following dimension table.
- The dimension table lists the outside diameters. The outside diameter of the instrument Tee bodies are the same as the lined space. The lining on the faces of flanges have uniform thickness, not less than 80% of the actual wall thickness.
- The Pex lining thickness in the following table is the standard. Higher thicknesses available on request.




## Dimension Table

| Nom | DT | D | G | I | B | C | S | Pex Lining thick. |
|---|---|---|---|---|---|---|---|---|
| Size | Mm | mm | mm | n X i | mm | mm | mm | mm |
| 1" | 33.5 | 108 | 50.8 | 4X15.7 | 14.2 | 12 | 3.38 | 3.0 |
| 1 ¼" | 42.2 | 117.3 | 63.5 | 4X15.7 | 15.7 | 12 | 3.56 | 3.0 |
| 1 ½" | 48.3 | 127 | 73.2 | 4X19.1 | 17.5 | 12 | 3.68 | 3.0 |
| 2" | 60.5 | 152.4 | 91.9 | 4X19.1 | 19.1 | 14 | 3.91 | 3.5 |
| 2 ½" | 73.2 | 177.85 | 104.6 | 4X19.1 | 22.4 | 14 | 5.16 | 3.5 |
| 3" | 88.9 | 190.5 | 127.0 | 4X19.1 | 23.9 | 16 | 5.49 | 4.0 |
| 3 ½" | 101.6 | 215.9 | 139.7 | 8X19.1 | 23.9 | 16 | 5.74 | 4.0 |
| 4" | 114.3 | 228.6 | 157.2 | 8X22.4 | 23.9 | 16 | 6.02 | 4.5 |
| 5" | 141.3 | 254 | 185.7 | 8X22.4 | 23.9 | 18 | 6.55 | 4.5 |
| 6" | 168.4 | 279.4 | 215.9 | 8X22.4 | 25.4 | 18 | 7.11 | 6.0 |
| 8" | 219.2 | 342.9 | 269.7 | 8X22.4 | 28.4 | 20 | 8.18 | 6.0 |
| 10" | 273.1 | 406.4 | 323.9 | 12X25.4 | 30.2 | 22 | 9.27 | 6.0 |
| 12" | 323.9 | 482.6 | 381.0 | 12X25.4 | 31.8 | 22 | 9.53 | 7.0 |
| 14" | 355.6 | 533.4 | 412.8 | 12X25.4 | 35.1 | 25 | 9.53 | 7.0 |
| 16" | 406.4 | 596.9 | 469.9 | 12X28.4 | 36.6 | 25 | 9.53 | 7.0 |
| 18" | 457.2 | 635 | 533.4 | 16X31.8 | 39.6 | 25 | 9.53 | 7.0 |
| 20" | 508 | 698.5 | 584.2 | 20X31.8 | 42.9 | 25 | 9.53 | 7.0 |
| 24" | 609.6 | 812.8 | 269.2 | 20X35.1 | 47.8 | 25 | 9.53 | 7.0 |

### Construction of Flanged fittings

Completed fittings are one piece construction. Flanges are are fixed. The preparation and assembly of welded branch connections are in accordance with BS 2633 or ASME B31.3.

### Attachment of flanges and collars

Attachment of flanges and collars are done by both back fillet and bore welds.
Transition from the bore to the flanged face must incorporate a radius to prevent undue stressing of the liner.

### Fabrication dimensional tolerances

Tolerances for flanges and fittings is in accordance with the relevant standards.
Fabricated pipework are in accordance with the following tolerances:

- **Squareness of flanges** – Square to the axis of the pipe or fitting to within 0.05mm per 25mm measured across the face.
- **Flange faces** – Faces should not be uneven or concave. Convexity from the bore to the periphery must not exceed 0.4mm per 25mm width of face.
- **Flange drilling** – PCD +/- 1.5mm. c/c of bolt holes +/- 0.8mm. Eccentricity between PCD and RFD up to 2-½" +/- 0.8mm, 3" and greater +/- 1.5mm.
- **Bolt holes** – Bolt holes are off center and equally spaced about the center line to an accuracy of 1.5mm.
- **Linear and angular dimensions** – Linear dimensions +/- 1.5mm; angular dimensions +/- 0.25 degrees.

## Internal finish of housings

The interior surfaces and flange faces are clean and free of sharp corners, burrs, rust, scale, weld spatter or other protrusions that could adversely affect the lining.

## Lining

The method of lining and the fit of the lining ensures that the lining is capable of withstanding the temperature, pressure and vacuum ratings of the system.
All interference fit linings in straight pipes are normalized prior to flaring.
Completed linings show no evidence of pinholes, porosity, cracks or bad workmanship. Sealing surfaces are free of surface defects that could impair sealing effectiveness. Scratches, dents, nicks or tool marks on the sealing face are not deeper than 0.15mm.
Any of these defect types less than 0.15mm but extending across the face cause the product to be rejected.
Blind flanges have linings firmly attached linings.

## Production testing

For each batch, at least one representative sample of each nominal size of fittings is selected; tests are carried out to determine mechanical properties and SG.
Where samples do not comply with the requirements stated in this specification, each tube in the batch must have samples cut from each end and the samples are subjected to the same tests.
Any sample not meeting the specified requirements leads to rejection of the whole tube.
The outside diameter and wall thickness are measured. Tubes not complying with the standard are rejected.
Cracks found at the ends of tubes are cut off along with at least 50mm of adjacent material.
When specified, each liner tube is subjected to a flattening test. Each length of tube is passed through a pre-set gap between two powered rollers. The gap is set at 50% of the outside diameter of the tube. The tube is rotated about the longitudinal axis through 90° and then passed back through the roller gap.
The tube is examined for cracks. A crack, if found, is cut out along with at least 50mm of adjacent material.

## Hydrostatic pressure test

Hydrostatic pressure test is carried out at 16 Barg water in air. Any evidence of leakage are cause for rejection.

## Electrostatic test

Electrostatic testing is carried out at a minimum voltage of 20,000V. The full surface of every lining is tested. Any pinholes are cause for rejection.

## Final Examination

Each item is examined visually. Following satisfactory completion, the outside edge of the flange is stamped with a letter "I" to indicate compliance.

## External finish

The outside surface of all pipe and fittings are finished as follows.
Shot blast SA 2-½ and coated with one coat zinc phosphate, zinc epoxy or zinc silicate primer. After painting, blocked bolt holes and vents are cleared.
Marking and identification: The following information is marked permanently on each fitting by casting into the body or by hard stamping the flange edge in letters at least 6mm high:

- Manufacturer's marking
- Lining material

## Packaging

All flanges are fitted with protective covers. These covers are removed just prior to installation.
Fittings are fitted with medium density fiberboard blanks or alternatively, snap-on proprietary plastic blanks could be used.

## Performance

All lined fittings meet the temperature, pressure, and vacuum ratings stated in the Lined Fittings manual.

## Service limitations

For positive and negative pressure limitations versus temperature, see table next page.
Service temperature limits, subject to compatibility with the fluid being handled are:

- Pex: -50° to +115°C

When lined fittings are exposed to very low temperatures (below -50°C) consideration must be given as to the suitability of the material used for the housings. See section below for further information.

# Pressure/Temp. Rating

| | Pressure | | | |
|---|---|---|---|---|
| Temperature | ANSI # 150 | | ANSI # 300 | |
| | PSI | BAR | PSI | BAR |
| 20°C | 250 | 17.2 | 450 | 31.0 |
| 50°C | 244 | 17 | 425 | 29.3 |
| 100°C | 235 | 16 | 390 | 26.9 |

The pressure ratings for ANSI 150# and PN16 dimensioned fittings are based on ratings in ANSI B 16.5.
The pressure ratings for ANSI 300# dimensioned fittings are based on the rating in ANSI B 16.5 300#, down rated to compensate for the decrease in mechanical properties at elevated temperatures of the lining materials.

# Vacuum/Temp. Rating

| Liner | Temperature | Diameter | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 25 | 40 | 50 | 80 | 100 | 150 | 200 | 250 | 300 | 350 | 400 |
| Pex | 20°C | Full | Full | Full | Full | Full | Full | Full | Full | Full | Full | Full |
| | 50°C | Full | Full | Full | Full | Full | Full | Full | - | - | - | - |
| | 80°C | Full | Full | Full | Full | Full | - | - | - | - | - | - |

## System design and supports

Pipe systems must be adequately supported to avoid excessive deflection of flanged joints, and supports should be installed close to flanges. The requirement for adequate support is critical in areas of high levels of concentration of valves and fittings.

Butterfly valves are usually designed for straight metallic or thermoplastic systems, with the diameter of the vane being defined as a function of the inner diameter of the pipe system under consideration. The inner diameter of lined steel pipe is considerably smaller than the actual steel pipe. Inner diameters of thermoplastic pipes tend to be considerably smaller due to their heavy wall thickness. Consequently, some interference between the inner liner of a lined pipe and the valve vane might be experienced.

The designer should consider this possibility early in the selection process for pipe systems and valves, and if required, incorporate adequate conical spacers between the flanges of plastic fittings and the valve.

## Installation and maintenance instructions for lined fittings

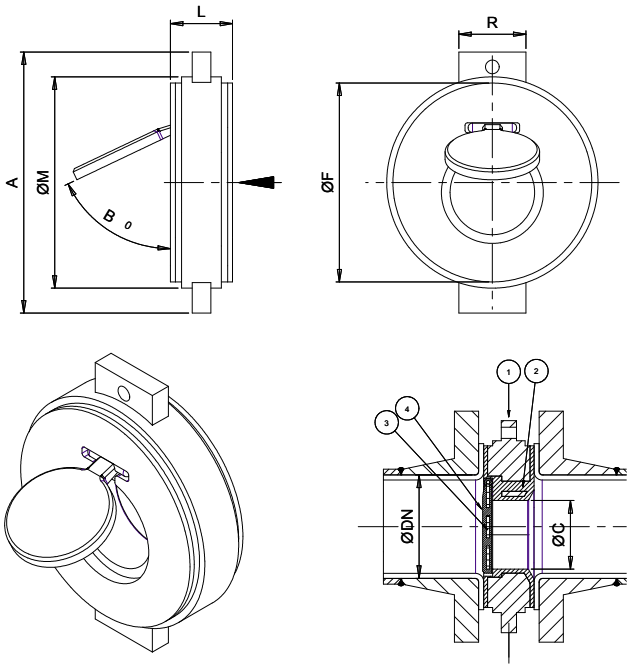
- Lined products must not be welded, brazed or torch cut to prevent damaging the lining.
- Handle the material with due care and attention, avoiding all mechanical shocks.
- All flanges are covered to protect them from damage during shipment, storage and handling onsite. If covers are removed for inspection purposes prior to installation, replace them immediately after inspection of each item is completed.
- When joining PEX pipe and lined fittings together, the use of gaskets between the sealing faces is usually not necessary.
- Under normal conditions, remove covers only immediately prior to installation. As gaskets are often not required, utmost attention is required to avoid scratching or otherwise damaging the lining on flange faces.
- In case of leakage, inspect the sealing faces of each component for grooves or chips. Grooves or nicks not deeper than approximately 15% of the flare thickness can be removed with a fine-grade abrasive paper.

# Lined Fittings

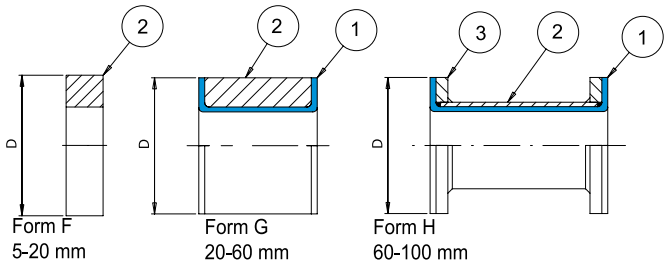
Materials:
1 - Lining Pex ASTM D1998-04
2 - St 37.0 - DIN 1629
3 - Body St 37.0 - DIN 1629

Standard Version – two fixed flanges
Available on request:
- One or two loose flanges
- ANSI B16.5 Class 300 flanges
- Stainless steel body and flanges 304/316
- Different lengths (L)

# Lined Swing Check Valve




# Solid and Lined Spacers



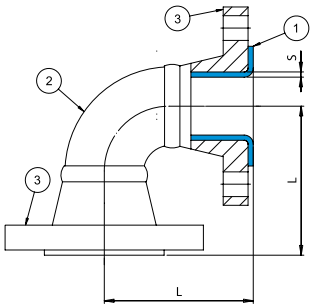

# ANSI B16.5 - Class 150#

| Cat No. | DN Inch | L mm |
|---|---|---|
| Pex-SPC-15025 | 1" | 55 |
| Pex-SPC-15032 | 1 1/4" | 68 |
| Pex-SPC-15038 | 1 1/2" | 75 |
| Pex-SPC-15050 | 2" | 95 |
| Pex-SPC-15062 | 2 1/2" | 108 |
| Pex-SPC-15080 | 3" | 130 |
| Pex-SPC-150100 | 4" | 162 |
| Pex-SPC-150125 | 5" | 190 |
| Pex-SPC-150150 | 6" | 218 |
| Pex-SPC-150200 | 8" | 273 |
| Pex-SPC-150250 | 10" | 336 |
| Pex-SPC-150300 | 12" | 406 |
| Pex-SPC-150350 | 14" | 447 |
| Pex-SPC-150400 | 16" | 511 |
| Pex-SPC-150450 | 18" | 546 |
| Pex-SPC-150500 | 20" | 603 |
| Pex-SPC-150600 | 24" | 714 |

| R | B | M | A | C | L | DN |
|---|---|---|---|---|---|---|
| 50 | 43 | 26 | 140 | 100 | 62 | 65 |
| 80 | 46 | 45 | 170 | 135 | 65 | 85 |
| 100 | 52 | 65 | 208 | 170 | 65 | 55 |
| 150 | 56 | 104 | 270 | 220 | 65 | 70 |
| 200 | 60 | 145 | 320 | 275 | 65 | 90 |
| 250 | 68 | 185 | 400 | 335 | 65 | 70 |
| 300 | 78 | 230 | 470 | 405 | 65 | 95 |
| 350 | 78 | 252 | 510 | 445 | 65 | 95 |
| 400 | 102 | 300 | 575 | 510 | 65 | 95 |

To adjust the the Swing Check Valve to the ID of the Pexgol pipe, order the Pexgol special reducers/adaptors Cat. No. 65900040 (38) in custom-made dimensions. Please consult Golan's Application Engineer.

# Lined Elbows




## Lined Elbows 90° ANSI B16.5 - Class 150#

| Cat No. | DN (Inch) | L (mm) | Pex Lining Thickness | Weight (kg) |
|---|---|---|---|---|
| Pex-LE90-15025 | 1" | 89 | 3.0 | 3.1 |
| Pex-LE90-15032 | 1 ¼" | 95 | 3.0 | 4.0 |
| Pex-LE90-15038 | 1 ½" | 102 | 3.0 | 4.5 |
| Pex-LE90-15050 | 2" | 114 | 3.5 | 6.5 |
| Pex-LE90-15063 | 2 ½" | 127 | 3.5 | 9.0 |
| Pex-LE90-15080 | 3" | 140 | 4.0 | 12.0 |
| Pex-LE90-150100 | 4" | 165 | 4.0 | 19.0 |
| Pex-LE90-150125 | 5" | 190 | 4.0 | 22.0 |
| Pex-LE90-150150 | 6" | 203 | 6.0 | 34.0 |
| Pex-LE90-150200 | 8" | 229 | 6.0 | 57.0 |
| Pex-LE90-150250 | 10" | 279 | 6.0 | 82.0 |
| Pex-LE90-150300 | 12" | 305 | 7.0 | 115.0 |
| Pex-LE90-150350 | 14" | 546 | 7.0 | 150.0 |
| Pex-LE90-150400 | 16" | 610 | 7.0 | 192.0 |
| Pex-LE90-150450 | 18" | 673 | 7.0 | 225.0 |
| Pex-LE90-150500 | 20" | 737 | 7.0 | 280.0 |
| Pex-LE90-150600 | 24" | 864 | 7.0 | 395.0 |

## Lined Elbows 45° ANSI B16.5 - Class 150#

| Cat No. | DN (Inch) | L (mm) | Pex Lining Thickness | Weight (kg) |
|---|---|---|---|---|
| Pex-LE45-15025 | 1" | 45 | 3.0 | 3.0 |
| Pex-LE45-15032 | 1 ¼" | 51 | 3.0 | 4.0 |
| Pex-LE45-15038 | 1 ½" | 57 | 3.0 | 6.0 |
| Pex-LE45-15050 | 2" | 64 | 3.5 | 9.0 |
| Pex-LE45-15063 | 2 ½" | 76 | 3.5 | 13.0 |
| Pex-LE45-15080 | 3" | 76 | 4.0 | 15.0 |
| Pex-LE45-150100 | 4" | 102 | 4.0 | 20.0 |
| Pex-LE45-150125 | 5" | 114 | 4.0 | 26.0 |
| Pex-LE45-150150 | 6" | 127 | 6.0 | 33.0 |
| Pex-LE45-150200 | 8" | 140 | 6.0 | 54.0 |
| Pex-LE45-150250 | 10" | 165 | 6.0 | 75.0 |
| Pex-LE45-150300 | 12" | 190 | 7.0 | 110.0 |
| Pex-LE45-150350 | 14" | 190 | 7.0 | 117.0 |
| Pex-LE45-150400 | 16" | 203 | 7.0 | 145.0 |
| Pex-LE45-150450 | 18" | 216 | 7.0 | 165.0 |
| Pex-LE45-150500 | 20" | 241 | 7.0 | 210.0 |
| Pex-LE45-150600 | 24" | 279 | 7.0 | 290.0 |

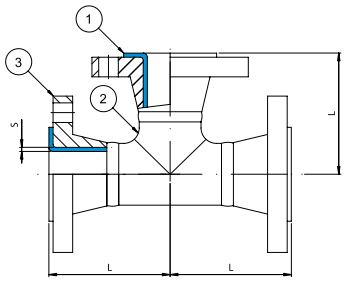
## Lined Elbows 60° ANSI B16.5 - Class 150#

| Cat No. | DN (Inch) | L (mm) | Pex Lining Thickness | Weight (kg) |
|---|---|---|---|---|
| Pex-LE60-15025 | 1" | 45 | 3.0 | 2.7 |
| Pex-LE60-15032 | 1 ¼" | 51 | 3.0 | 3.6 |
| Pex-LE60-15038 | 1 ½" | 57 | 3.0 | 5.4 |
| Pex-LE60-15050 | 2" | 64 | 3.5 | 8.1 |
| Pex-LE60-15063 | 2 ½" | 76 | 3.5 | 11.7 |
| Pex-LE60-15080 | 3" | 76 | 4.0 | 13.5 |
| Pex-LE60-150100 | 4" | 102 | 4.0 | 18.0 |
| Pex-LE60-150125 | 5" | 114 | 4.0 | 20.5 |
| Pex-LE60-150150 | 6" | 127 | 6.0 | 26.1 |
| Pex-LE60-150200 | 8" | 140 | 6.0 | 42.7 |
| Pex-LE60-150250 | 10" | 165 | 6.0 | 59.3 |
| Pex-LE60-150300 | 12" | 190 | 7.0 | 86.9 |
| Pex-LE60-150350 | 14" | 190 | 7.0 | 92.4 |
| Pex-LE60-150400 | 16" | 203 | 7.0 | 114.6 |
| Pex-LE60-150450 | 18" | 216 | 7.0 | 130.4 |
| Pex-LE60-150500 | 20" | 241 | 7.0 | 165.9 |
| Pex-LE60-150600 | 24" | 279 | 7.0 | 229.1 |

## Lined Elbows 30° ANSI B16.5 - Class 150#

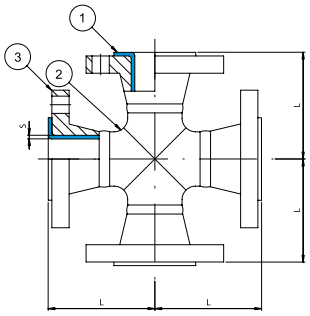
| Cat No. | DN (Inch) | L (mm) | Pex Lining Thickness | Weight (kg) |
|---|---|---|---|---|
| Pex-LE30-15025 | 1" | 45 | 3.0 | 2.7 |
| Pex-LE30-15032 | 1 ¼" | 51 | 3.0 | 3.6 |
| Pex-LE30-15038 | 1 ½" | 57 | 3.0 | 5.4 |
| Pex-LE30-15050 | 2" | 64 | 3.5 | 8.1 |
| Pex-LE30-15063 | 2 ½" | 76 | 3.5 | 11.7 |
| Pex-LE30-15080 | 3" | 76 | 4.0 | 13.5 |
| Pex-LE30-150100 | 4" | 102 | 4.0 | 16.0 |
| Pex-LE30-150125 | 5" | 114 | 4.0 | 20.8 |
| Pex-LE30-150150 | 6" | 127 | 6.0 | 26.4 |
| Pex-LE30-150200 | 8" | 140 | 6.0 | 43.2 |
| Pex-LE30-150250 | 10" | 165 | 6.0 | 56.3 |
| Pex-LE30-150300 | 12" | 190 | 7.0 | 82.5 |
| Pex-LE30-150350 | 14" | 190 | 7.0 | 87.8 |
| Pex-LE30-150400 | 16" | 203 | 7.0 | 108.8 |
| Pex-LE30-150450 | 18" | 216 | 7.0 | 123.8 |
| Pex-LE30-150500 | 20" | 241 | 7.0 | 157.5 |
| Pex-LE30-150600 | 24" | 279 | 7.0 | 217.5 |

## Lined Equal Tee
## ANSI B16.5 - Class 150#



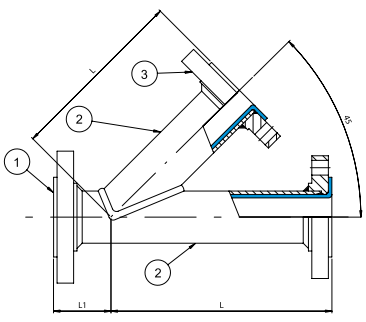

| Cat No. | DN Inch | L mm | Pex Lining Thickness | Weight (kg) |
|---|---|---|---|---|
| Pex-LET-15025 | 1" | 89 | 3.0 | 3.5 |
| Pex-LET-15032 | 1 1/4" | 95 | 3.0 | 4.6 |
| Pex-LET-15038 | 1 1/2" | 102 | 3.0 | 6.5 |
| Pex-LET-15050 | 2" | 114 | 3.5 | 10.0 |
| Pex-LET-15063 | 2 1/2" | 127 | 3.5 | 13.7 |
| Pex-LET-15080 | 3" | 140 | 4.0 | 21.0 |
| Pex-LET-150100 | 4" | 165 | 4.5 | 36.0 |
| Pex-LET-150125 | 5" | 190 | 4.5 | 43.0 |
| Pex-LET-150150 | 6" | 203 | 6.0 | 49.0 |
| Pex-LET-150200 | 8" | 229 | 6.0 | 75.0 |
| Pex-LET-150250 | 10" | 279 | 6.0 | 113.0 |
| Pex-LET-150300 | 12" | 305 | 7.0 | 153.0 |
| Pex-LET-150350 | 14" | 356 | 7.0 | 197.0 |
| Pex-LET-150400 | 16" | 381 | 7.0 | 263.0 |
| Pex-LET-150450 | 18" | 419 | 7.0 | 303.0 |
| LET-150500 | 20" | 457 | 7.0 | 330.0 |
| LET-150600 | 24" | 559 | 7.0 | 397.0 |

## Lined Equal Cross
## ANSI B16.5 - Class 150#



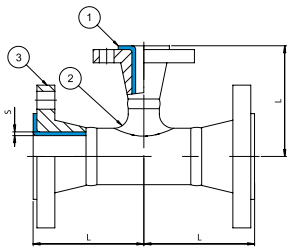

| Cat No. | DN Inch | L mm | Pex Lining Thickness | Weight (kg) |
|---|---|---|---|---|
| Pex-LC-15025 | 1" | 89 | 3.0 | 5.5 |
| Pex-LC-15032 | 1 1/4" | 95 | 3.0 | 6.5 |
| Pex-LC-15038 | 1 1/2" | 102 | 3.0 | 8.2 |
| Pex-LC-15050 | 2" | 114 | 3.5 | 13.6 |
| Pex-LC-15063 | 2 1/2" | 127 | 3.5 | 16.5 |
| Pex-LC-15080 | 3" | 140 | 4.0 | 23.6 |
| Pex-LC-150100 | 4" | 165 | 4.5 | 33.0 |
| Pex-LC-150125 | 5" | 190 | 4.5 | 43.0 |
| Pex-LC-150150 | 6" | 203 | 6.0 | 52.3 |
| Pex-LC-150200 | 8" | 229 | 6.0 | 86.3 |
| Pex-LC-150250 | 10" | 279 | 6.0 | 124.0 |
| Pex-LC-150300 | 12" | 305 | 7.0 | 169.0 |
| Pex-LC-150350 | 14" | 356 | 7.0 | 300.0 |
| Pex-LC-150400 | 16" | 381 | 7.0 | 372.0 |
| Pex-LC-150450 | 18" | 419 | 7.0 | 427.0 |
| Pex-LC-150500 | 20" | 457 | 7.0 | 547.0 |
| Pex-LC-150600 | 24" | 559 | 7.0 | 713.0 |

## Lined Lateral Tee
## ANSI B16.5 - Class 150#



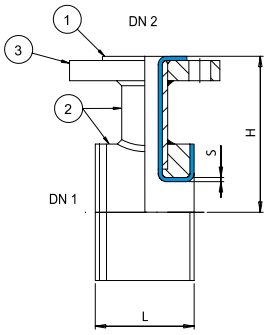

| Cat No. | DN Inch | L mm | L1 mm | Pex Lining Thickness | Weight (kg) |
|---|---|---|---|---|---|
| Pex-LLT-15025 | 1" | 146 | 45 | 3.0 | 4.0 7.0 |
| Pex-LLT-15038 | 1 1/2" | 178 | 51 | 3.0 | 9.0 |
| Pex-LLT-15050 | 2" | 203 | 64 | 3.5 | 19.5 |
| Pex-LLT-15080 | 3" | 254 | 76 | 4.0 | 36.0 |
| Pex-LLT-150100 | 4" | 305 | 76 | 4.5 | 53.0 |
| Pex-LLT-150150 | 6" | 368 | 89 | 6.0 | 80.0 |
| Pex-LLT-150200 | 8" | 445 | 115 | 6.0 | 13.0 |

# Lined Reducing Tee
# ANSI B16.5 - Class 150#




| Cat No. | DN Inch | DN2 Inch | L mm | Pex Lining Thickness | Weight (kg) |
|---|---|---|---|---|---|
| Pex-LRT-15032-19 | 1 ¼" | ¾" | 95 | x | 5.3 |
| Pex-LRT-15032-25 | | 1" | | 3.0 | 5.5 |
| Pex-LRT-15062-19 | 2 ½" | ¾" | 127 | x | 5.3 |
| Pex-LRT-15062-25 | | 1" | | 3.0 | 5.5 |
| Pex-LRT-150100-25 | 5" | 1" | 190 | 4.5 / 3 | 19.0 |
| Pex-LRT-150100-38 | | 1 ½" | | | 19.8 |
| Pex-LRT-150100-50 | | 2" | | | 21.5 |
| Pex-LRT-150100-80 | | 3" | | | 23.5 |
| Pex-LRT-15038-19 | 1 ½" | ¾" | 102 | x | 5.3 |
| Pex-LRT-15038-25 | | 1" | | 3.0 | 5.5 |
| Pex-LRT-15050-25 | 2" | 1" | 114 | 3.0 | 7.9 |
| Pex-LRT-15050-38 | | 1 ½" | | | 9.4 |
| Pex-LRT-15080-25 | 3" | 1" | 140 | 4.0 / 3 | 13.8 |
| Pex-LRT-15080-38 | | 1 ½" | | | 14.0 |
| Pex-LRT-15080-50 | | 2" | | | 15.0 |
| Pex-LRT-150100-25 | 4" | 1" | 165 | 4.5 / 3 | 19.0 |
| Pex-LRT-150100-38 | | 1 ½" | | | 19.8 |
| Pex-LRT-150100-50 | | 2" | | | 21.5 |
| Pex-LRT-150100-80 | | 3" | | | 23.5 |
| Pex-LRT-150150-25 | 6" | 1" | 203 | 4.5 / 3 | 28.2 |
| Pex-LRT-150150-38 | | 1 ½" | | | 30.7 |
| Pex-LRT-150150-50 | | 2" | | | 32.0 |
| Pex-LRT-150150-80 | | 3" | | | 35.2 |
| Pex-LRT-150150-100 | | 4" | | | 37.0 |
| Pex-LRT-150200-25 | 8" | 1" | 229 | 6.0 / 3 | 42.5 |
| Pex-LRT-150200-38 | | 1 ½" | | | 45.6 |
| Pex-LRT-150200-50 | | 2" | | | 47.0 |
| Pex-LRT-150200-80 | | 3" | | | 54.0 |
| Pex-LRT-150200-100 | | 4" | | | 57.0 |
| Pex-LRT-150200-150 | | 6" | | 6.0 | 63.0 |
| Pex-LRT-150250-25 | 10" | 1" | 280 | 6.0 / 3 | 64.6 |
| Pex-LRT-150250-38 | | 1 ½" | | | 66.3 |
| Pex-LRT-150250-50 | | 2" | | | 68.3 |
| Pex-LRT-150250-80 | | 3" | | | 75.3 |
| Pex-LRT-150250-100 | | 4" | | | 79.3 |
| Pex-LRT-150250-150 | | 6" | | 6.0 | 83.0 |
| Pex-LRT-150250-200 | | 8" | | | 94.0 |
| Pex-LRT-150300-25 | 12" | 1" | 305 | 6.0 / 3 | 127.0 |
| Pex-LRT-150300-38 | | 1 ½" | | | 133.0 |
| Pex-LRT-150300-50 | | 2" | | | 136.0 |
| Pex-LRT-150300-80 | | 3" | | | 146.0 |
| Pex-LRT-150300-100 | | 4" | | | 152.0 |
| Pex-LRT-150300-150 | | 6" | | 6.0 | 165.0 |
| Pex-LRT-150300-200 | | 8" | | | 219.0 |
| Pex-LRT-150300-250 | | 10" | | 7.0 | 223.0 |
| Pex-LRT-150350-25 | 14" | 1" | 356 | 6.0 / 3 | 169.0 |
| Pex-LRT-150350-38 | | 1 ½" | | | 173.0 |
| Pex-LRT-150350-38 | | 2" | | | 175.0 |
| Pex-LRT-150350-50 | | 3" | | | 186.0 |
| Pex-LRT-150350-80 | | 4" | | | 191.0 |
| Pex-LRT-150350-100 | | 6" | | 6.0 | 204.0 |
| Pex-LRT-150350-150 | | 8" | | | 293.0 |
| Pex-LRT-150350-200 | | 10" | | 7.0 | 299.0 |
| Pex-LRT-150350-300 | | 12" | | | 307.0 |
| Pex-LRT-150400-25 | 16" | 1" | 305 | 6.0 / 3 | 227.0 |
| Pex-LRT-150400-38 | | 1 ½" | | | 231.0 |
| Pex-LRT-150400-50 | | 2" | | | 233.0 |
| Pex-LRT-150400-80 | | 3" | | | 244.0 |
| Pex-LRT-150400-100 | | 4" | | | 250.0 |
| Pex-LRT-150400-150 | | 6" | | 6.0 | 263.0 |
| Pex-LRT-150400-200 | | 8" | | | 291.0 |
| Pex-LRT-150400-250 | | 10" | | 7.0 | 355.0 |
| Pex-LRT-150400-300 | | 12" | | | 359.0 |
| Pex-LRT-150400-350 | | 14" | | | 373.0 |
| Pex-LRT-150450-25 | 18" | 1" | 419 | 6.0 / 3 | 303.0 |
| Pex-LRT-150450-38 | | 1 ½" | | | 307.0 |
| Pex-LRT-150450-50 | | 2" | | | 309.0 |
| Pex-LRT-150450-80 | | 3" | | | 319.0 |
| Pex-LRT-150450-100 | | 4" | | | 323.0 |
| Pex-LRT-150450-150 | | 6" | | 6.0 | 338.0 |
| Pex-LRT-150450-200 | | 8" | | | 372.0 |
| Pex-LRT-150450-250 | | 10" | | 7.0 | 443.0 |
| Pex-LRT-150450-300 | | 12" | | | 455.0 |
| Pex-LRT-150450-350 | | 14" | | | 465.0 |
| Pex-LRT-150450-400 | | 16" | | | 473.0 |
| Pex-LRT-150500-25 | 20" | 1" | 457 | 6.0 / 3 | 279.0 |
| Pex-LRT-150500-38 | | 1 ½" | | | 283.0 |
| Pex-LRT-150500-50 | | 2" | | | 286.0 |
| Pex-LRT-150500-80 | | 3" | | | 294.0 |
| Pex-LRT-150500-100 | | 4" | | | 299.0 |
| Pex-LRT-150500-150 | | 6" | | 6.0 | 313.0 |
| Pex-LRT-150500-200 | | 8" | | | 343.0 |
| Pex-LRT-150500-250 | | 10" | | 7.0 | 413.0 |
| Pex-LRT-150500-300 | | 12" | | | 421.0 |
| Pex-LRT-150500-350 | | 14" | | | 429.0 |
| Pex-LRT-150500-400 | | 16" | | | 439.0 |
| Pex-LRT-150500-450 | | 18" | | | 447.0 |
| Pex-LRT-150600-25 | 24" | 1" | 500 | 6.0 / 3 | 363.0 |
| Pex-LRT-150600-38 | | 1 ½" | | | 367.0 |
| Pex-LRT-150600-500 | | 2" | | | 370.0 |
| Pex-LRT-150600-80 | | 3" | | | 377.0 |
| Pex-LRT-150600-100 | | 4" | | | 383.0 |
| Pex-LRT-150600-150 | | 6" | | 6.0 | 396.0 |
| Pex-LRT-150600-200 | | 8" | | | 427.0 |
| Pex-LRT-150600-250 | | 10" | | 7.0 | 533.0 |
| Pex-LRT-150600-300 | | 12" | | | 543.0 |
| Pex-LRT-150600-350 | | 14" | | | 553.0 |
| Pex-LRT-150600-400 | | 16" | | | 567.0 |
| Pex-LRT-150600-450 | | 18" | | | 577.0 |
| Pex-LRT-150600-500 | | 20" | | | 589.0 |

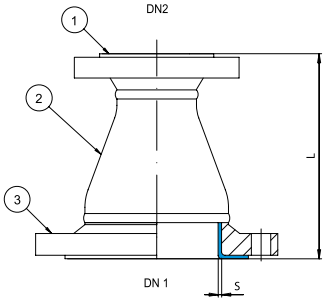
# Lined Instrument Tee
# ANSI B16.5 Class 150#




| Cat No. | DN 1 Inch | DN 2 Inch | L mm | Pex Lining Thickness | Weight (kg) |
|---|---|---|---|---|---|
| Pex-LIT-15025-25 | 1" | 1" | | | 2.2 |
| Pex-LIT-15038-25 | 1 ½" | 1" | 50 | 4.0 | 2.8 |
| Pex-LIT-15038-38 | | 1 ½" | | | 4.4 |
| Pex-LIT-15050-25 | 2" | 1" | 50 | 4.0 | 3.6 |
| Pex-LIT-15050-38 | | 1 ½" | 75 | | 6.2 |
| Pex-LIT-15050-50 | | 2" | 90 | | 8.1 |
| Pex-LIT-15062-25 | 2 ½" | 1" | 50 | 4.0 | 3.9 |
| Pex-LIT-15062-38 | | 1 ½" | 75 | | 7.2 |
| Pex-LIT-15062-50 | | 2" | 90 | | 9.8 |
| Pex-LIT-15080-25 | 3" | 1" | 50 | 4.0 | 4.7 |
| Pex-LIT-15080-38 | | 1 ½" | 75 | | 8.3 |
| Pex-LIT-15080-50 | | 2" | 90 | | 12.6 |
| Pex-LIT-150100-25 | 4" | 1" | 50 | 4.0 | 5.9 |
| Pex-LIT-150100-38 | | 1 ½" | 75 | | 8.9 |
| Pex-LIT-150100-50 | | 2" | 90 | | 16.0 |
| Pex-LIT-150100-80 | | 3" | 130 | | 24.5 |
| Pex-LIT-150150-25 | 6" | 1" | 50 | 4.0 | 8.2 |
| Pex-LIT-150150-38 | | 1 ½" | 75 | | 14.7 |
| Pex-LIT-150150-50 | | 2" | 90 | | 21.8 |
| Pex-LIT-150150-80 | | 3" | 130 | | 30.1 |
| Pex-LIT-150200-25 | 8" | 1" | 50 | 4.0 | 10.5 |
| Pex-LIT-150200-38 | | 1 ½" | 75 | | 17.8 |
| Pex-LIT-150200-50 | | 2" | 90 | | 23.3 |
| Pex-LIT-150200-80 | | 3" | 130 | | 33.3 |
| Pex-LIT-150100-25 | 10" | 1" | 50 | 4.0 | 13.7 |
| Pex-LIT-150100-38 | | 1 ½" | 75 | | 23.3 |
| Pex-LIT-150100-50 | | 2" | 90 | | 26.0 |
| Pex-LIT-150100-80 | | 3" | 160 | | 36.7 |
| Pex-LIT-150100-25 | 12" | 1" | 50 | 4.0 | 43.0 |
| Pex-LIT-150100-38 | | 1 ½" | 75 | | 55.5 |
| Pex-LIT-150100-50 | | 2" | 90 | | 62.0 |
| Pex-LIT-150100-80 | | 3" | 160 | | 69.0 |
| Pex-LIT-150100-25 | 14" | 1" | 50 | 4.0 | 53.1 |
| Pex-LIT-150100-38 | | 1 ½" | 75 | | 66.5 |
| Pex-LIT-150100-50 | | 2" | 90 | | 73.7 |
| Pex-LIT-150100-80 | | 3" | 160 | | 103.0 |
| Pex-LIT-150100-25 | 16" | 1" | 90 | 4.0 | 59.0 |
| Pex-LIT-150100-38 | | 1 ½" | 110 | | 74.0 |
| Pex-LIT-150100-50 | | 2" | 120 | | 83.0 |
| Pex-LIT-150100-80 | | 3" | 160 | | 116.7 |

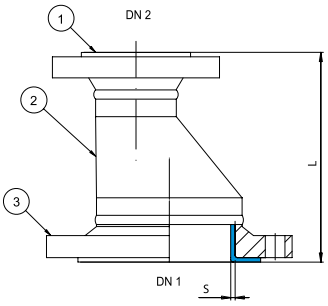
| Cat No. | DN 1 Inch | DN 2 Inch | L mm | Pex Lining Thickness | Weight (kg) |
|---|---|---|---|---|---|
| Pex-LIT-150100-25 | 18" | 1" | 90 | 4.0 | 68.5 |
| Pex-LIT-150100-38 | | 1 ½" | 110 | | 90.5 |
| Pex-LIT-150100-50 | | 2" | 120 | | 93.7 |
| Pex-LIT-150100-80 | | 3" | 160 | | 129.7 |
| Pex-LIT-150100-19 | 20" | | 90 | 4.0 | X |
| Pex-LIT-150100-25 | | 1" | | | 72.0 |
| Pex-LIT-150100-38 | | 1 ½" | 110 | | 89.7 |
| Pex-LIT-150100-50 | | 2" | 120 | | 100.0 |
| Pex-LIT-150100-80 | | 3" | 160 | | 137.0 |
| Pex-LIT-150100-25 | 24" | 1" | 90 | 4.0 | 79.1 |
| Pex-LIT-150100-38 | | 1 ½" | 110 | | 94.5 |
| Pex-LIT-150100-50 | | 2" | 120 | | 107.5 |
| Pex-LIT-150100-80 | | 3" | 160 | | 150.0 |

# Lined Concentric Reducer ANSI B16.5 - Class 150#




| Cat No. | DN 1 Inch | DN 2 Inch | L mm | Pex Lining Thickness | Weight (kg) |
|---|---|---|---|---|---|
| Pex-LCR-15032-25 | 1 ¼" | 1" | 114 | 3.0 | 3.0 |
| Pex-LCR-15038-19 | 1 ½" | ¾" | 114 | X | 3.1 |
| Pex-LCR-15038-25 | | 1" | | 3.0 | 3.3 |
| Pex-LCR-15050-25 | 2" | 1" | 127 | 3.0 | 4.1 |
| Pex-LCR-15050-38 | | 1 ½" | | | 4.8 |
| Pex-LCR-15062-25 | 2 ½" | 1" | 140 | 3.0 | 5.8 |
| Pex-LCR-15062-50 | | 2" | | | 6.9 |
| Pex-LCR-15080-25 | 3" | 1" | 152 | 4.0 / 3 | 6.7 |
| Pex-LCR-15080-38 | | 1 ½" | | | 6.2 |
| Pex-LCR-15080-50 | | 2" | | | 6.9 |
| Pex-LCR-150100-25 | 4" | 1" | 178 | 4.0 / 3 | 9.9 |
| Pex-LCR-150100-38 | | 1 ½" | | | 9.3 |
| Pex-LCR-150100-50 | | 2" | | | 9.8 |
| Pex-LCR-150100-80 | | 3" | | | 12.4 |
| Pex-LCR-150125-80 | 5" | 3" | 203 | 4.5 / 3.5 | 12.7 |
| Pex-LCR-150125-100 | | 4" | | | 15.0 |
| Pex-LCR-150150-25 | 6" | 1" | 229 | 4.5 / 3.0<br>5.0 / 4.0 | 18.9 |
| Pex-LCR-150150-50 | | 2" | | | 19.9 |
| Pex-LCR-150150-80 | | 3" | | | 17.4 |
| Pex-LCR-150150-100 | | 4" | | | 18.3 |
| Pex-LCR-150200-100 | 8" | 4" | 279 | 6.0 | 22.0 |
| Pex-LCR-150200-150 | | 6" | | | 25.3 |
| Pex-LCR-150250-100 | 10" | 4" | 305 | 6.0 | 33.0 |
| Pex-LCR-150250-150 | | 6" | | | 37.5 |
| Pex-LCR-150250-200 | | 8" | | | 44.7 |
| Pex-LCR-150300-150 | 12" | 6" | 356 | 7.0 | 45.9 |
| Pex-LCR-150300-200 | | 8" | | | 47.8 |
| Pex-LCR-150300-250 | | 10" | | | 52.5 |
| Pex-LCR-150350-200 | 14" | 8" | 406 | 7.0 | 69.0 |
| Pex-LCR-150350-250 | | 10" | | | 73.5 |
| Pex-LCR-150350-300 | | 12" | | | 80.0 |
| Pex-LCR-150400-250 | 16" | 10" | 457 | 7.0 | 98.0 |
| Pex-LCR-150400-300 | | 12" | | | 105.0 |
| Pex-LCR-150400-350 | | 14" | | | 115.0 |
| Pex-LCR-150450-300 | 18" | 12" | 483 | 7.0 | 135.0 |
| Pex-LCR-150450-350 | | 14" | | | 148.0 |
| Pex-LCR-150450-400 | | 16" | | | 157.0 |
| Pex-LCR-150500-300 | 20" | 12" | 508 | 7.0 | 185.0 |
| Pex-LCR-150500-350 | | 14" | | | 198.0 |
| Pex-LCR-150500-400 | | 16" | | | 210.0 |
| Pex-LCR-150500-450 | | 18" | | | 218.0 |
| Pex-LCR-150600-400 | 24" | 16" | 610 | 7.0 | 272.0 |
| Pex-LCR-150600-450 | | 18" | | | 282.0 |
| Pex-LCR-150600-500 | | 20" | | | 291.0 |

# Lined Eccentric Reducer ANSI B16.5 - Class 150#




| Cat No. | DN 1 Inch | DN 2 Inch | L mm | Pex Lining Thickness | Weight (kg) |
|---|---|---|---|---|---|
| Pex-LECR-15038-25 | 1 ½" | 1" | 114 | 3.0 | 3.0 |
| Pex-LECR-15050-25 | 2" | 1" | 127 | 3.0 | 4.0 |
| Pex-LECR-15050-38 | | 1 ½" | | | 4.3 |
| Pex-LECR-15080-25 | 3" | 1" | 152 | 4.0 / 3 | 6.7 |
| Pex-LECR-15080-38 | | 1 ½" | | | 6.2 |
| Pex-LECR-15080-50 | | 2" | | | 6.9 |
| Pex-LECR-150100-38 | 4" | 1 ½" | 178 | 4.5 / 3.5 | 9.3 |
| Pex-LECR-150100-50 | | 2" | | | 9.8 |
| Pex-LECR-150100-80 | | 3" | | | 12.4 |
| Pex-LECR-150150-50 | 6" | 2" | 229 | 5.0 / 4.0 | 15.6 |
| Pex-LECR-150150-80 | | 3" | | | 17.0 |
| Pex-LECR-150150-100 | | 4" | | | 18.7 |
| Pex-LECR-150200-100 | 8" | 4" | 279 | 6.0 | 22.0 |
| Pex-LECR-150200-150 | | 6" | | | 28.0 |
| Pex-LECR-150250-100 | 10" | 4" | 305 | 6.0 | 33.0 |
| Pex-LECR-150250-150 | | 6" | | | 37.5 |
| Pex-LECR-150250-200 | | 8" | | | 44.7 |
| Pex-LECR-150300-150 | 12" | 6" | 356 | 7.0 | 45.9 |
| Pex-LECR-150300-200 | | 8" | | | 47.8 |
| Pex-LECR-150300-250 | | 10" | | | 52.5 |
| Pex-LECR-150350-200 | 14" | 8" | 406 | 7.0 | 69.0 |
| Pex-LECR-150350-250 | | 10" | | | 73.5 |
| Pex-LECR-150350-300 | | 12" | | | 80.0 |
| Pex-LECR-150400-250 | 16" | 10" | 457 | 7.0 | 98.0 |
| Pex-LECR-150400-300 | | 12" | | | 105.0 |
| Pex-LECR-150400-350 | | 14" | | | 115.0 |
| Pex-LECR-150450-300 | 18" | 12" | 483 | 7.0 | 135.0 |
| Pex-LECR-150450-350 | | 14" | | | 148.0 |
| Pex-LECR-150450-400 | | 16" | | | 157.0 |
| Pex- LECR-150500-300 | 20" | 12" | 508 | 7.0 | 185.0 |
| Pex- LECR-150500-350 | | 14" | | | 198.0 |
| Pex- LECR-150500-400 | | 16" | | | 210.0 |
| Pex- LECR-150500-450 | | 18" | | | 218.0 |
| Pex- LECR-150600-500 | 24" | 20" | 610 | 7.0 | 291.0 |