

## pipes and fittings - metric sizes

PolyPure Natural Polypropylene piping is manufactured and protective packed using a special grade of natural polypropylene raw material. The products arrive on site clean and ready for use to handle foodstuffs, pharmaceutical chemicals, or indeed any fluid which requires extra cleanliness.

PolyPure also has another unique benefit - the pipes and fittings are translucent, allowing full visibility of the fluid flow throughout the system.

PolyPure systems are joined together using a simple butt weld technique utilising standard equipment. For guaranteed reliability, joints can also be made using the latest fully automatic SP series welding equipment. This state-of-the-art machine provides the highest quality welds, and will record all weld information, thereby allowing full traceability from raw material to installed pipework.

PolyPure contains no additives, and is FDA approved.



### PolyPure Pipe

size	wall	kg/m	code	price/m
20	2.5	0.136	16.705.0020.11	2.25
25	2.7	0.186	16.705.0025.11	3.14
32	2.9	0.260	16.705.0032.11	4.32
40	3.7	0.412	16.705.0040.11	6.56
50	4.6	0.638	16.705.0050.11	10.20
63	5.8	1.010	16.705.0063.11	16.23
90	8.2	2.020	16.705.0090.11	31.44
110	10.0	3.01	16.705.0110.11	46.75

Standard length 5 metres.



#### Pressure Ratings

PolyPure systems are suitable for use at pressures up to 10 bar at 20°C. The maximum operating temperature is 50°C.

## Tee 90°



Size	Code	Price
20	16.006.0020.11	4.08
25	16.006.0025.11	4.08
32	16.006.0032.11	5.07
40	16.006.0040.11	7.61
50	16.006.0050.11	10.20
63	16.006.0063.11	15.94
90	16.006.0090.11	47.65
110	16.006.0110.11	69.99



## Union

FPM Gasket

Size	Code	Price
20	16.024.0020.11	29.78
25	16.024.0025.11	37.82
32	16.024.0032.11	46.46
40	16.024.0040.11	64.78
50	16.024.0050.11	90.23
63	16.024.0063.11	134.90

FDA Approved O-Ring

## Cap

Elongated

Size	Code	Price
20	16.064.0020.11	5.89
25	16.064.0025.11	6.49
32	16.064.0032.11	8.20
40	16.064.0040.11	10.14
50	16.064.0050.11	13.18
63	16.064.0063.11	17.42



## Multi-Bend 90°



20	16.068.0020.11	7.01
25	16.068.0025.11	7.29
32	16.068.0032.11	7.89
40	16.068.0040.11	9.80
50	16.068.0050.11	12.33
63	16.068.0063.11	17.64
75	16.068.0075.11	23.48
90	16.068.0090.11	34.05
110	16.068.0110.11	64.85

## Bend 90°



20	16.001.0020.11	5.07
40	16.001.0040.11	6.61
50	16.001.0050.11	8.34

Please note: Withdrawn, residual stocks only



## Female Adaptor

NPT Threaded

Size	Code	Price
20 x 1/2	16.032.2021.11	9.60
25 x 3/4	16.032.2526.11	10.86
32 x 1	16.032.3233.11	14.22
40 x 1 1/4	16.032.4041.11	16.23
50 x 1 1/2	16.032.5051.11	25.62
63 x 2	16.032.6364.11	32.02

## Male Adaptor

NPT Threaded

Size	Code	Price
20 x 1/2	16.033.2021.11	7.52
25 x 3/4	16.033.2526.11	9.01
32 x 1	16.033.3233.11	11.39
40 x 1 1/4	16.033.4041.11	13.69
50 x 1 1/2	16.033.5051.11	22.49
63 x 2	16.033.6364.11	28.30

## Elbow 90°

Elongated



20	16.061.0020.11	7.01
32	16.061.0032.11	7.89

Please note: Withdrawn, residual stocks only



## Elbow 45°

Elongated



20	16.060.0020.11	7.61
25	16.060.0025.11	8.20
32	16.060.0032.11	9.83
40	16.060.0040.11	11.55
50	16.060.0050.11	13.10
63	16.060.0063.11	24.00
90	16.060.0090.11	37.22
110	16.060.0110.11	71.34

## Concentric Reducer

Elongated



25x20	16.067.2520.11	5.07
32x20	16.067.3220.11	5.66
32x25	16.067.3225.11	5.66
50x25	16.067.5025.11	10.14
50x32	16.067.5032.11	10.14
63x32	16.067.6332.11	12.57
63x50	16.067.6350.11	12.57

## Concentric Reducer



63x16	16.007.6316.11	9.01
110x63	16.007.1163.11	19.06



## Stub Flange

DIN Standard

Size	Code	Price
20	16.012.0020.11	4.62
25	16.012.0025.11	4.62
32	16.012.0032.11	5.43
40	16.012.0040.11	6.12
50	16.012.0050.11	7.44
63	16.012.0063.11	9.30
90	16.012.0090.11	15.79
110	16.012.0110.11	20.24

Also available ANSI



## Sanitary Joint Adaptor

Size	Code	Price
20	16.306.0020.11	13.86
25	16.306.0025.11	13.86
32	16.306.0032.11	13.86
40	16.306.0040.11	16.83
50	16.306.0050.11	16.83
63	16.306.0063.11	19.81

Note: Sanitary clamp not included



## Seal Clean Gasket

ePTFE - DIN Standard Flange

Size	Code	Price
20	88.372.0020.11	7.02
25	88.372.0025.11	10.78
32	88.372.0032.11	14.25
40	88.372.0040.11	17.71
50	88.372.0050.11	21.04
63	88.372.0063.11	30.48
75	88.372.0075.11	43.18
90	88.372.0090.11	50.40
110	88.372.0110.11	69.13



## Sanitary Joint Gasket

FPM

Size	Code	Price
20	88.379.0020.21	
25	88.379.0025.21	
32	88.379.0032.21	on application
40	88.379.0040.21	
50	88.379.0050.21	
63	88.379.0063.21	



## Stub Gasket

FPM

Size	Code	Price
20	862-_-005	2.34
25	862-_-007	3.48
32	862-_-010	4.59
40	862-_-012	7.36
50	862-_-015	8.05
63	862-_-020	10.60
90	862-_-030	20.01
110	862-_-040	34.14

Complete code when ordering  
Insert 'I' for NP10/16; 'A' for ANSI 150;  
'E' for Table D/E



## Sanitary Joint Twinclamp

Size	Code	Price
20/25/32	90.048.2032.21	
40/50	90.048.4050.21	on application
63	90.048.0063.21	



## Backing Ring

PN10

Size	Code	Price
20	11.014.0020.11	6.79
25	11.014.0025.11	7.46
32	11.014.0032.11	9.55
40	11.014.0040.11	12.11
50	11.014.0050.11	14.14
63	11.014.0063.11	16.40
90	11.014.0090.11	21.50
110	11.014.0110.11	25.57

Polypropylene with steel core.

## PolyPure Diaphragm Valve

**Description:** In-line diaphragm valve with position indicator

**Mounting:** In any position

**Maximum Fluid Pressure at 20°C:** 10 bar

**Fluid Temperature Range:** 0°C - 50°C

**Construction:**

**Body:** Polypropylene Natural

**Diaphragm:** PTFE (EPDM backed)

**End Connections:** Fusion spigots



### Fusion Spigots

PTFE Diaphragm  
(EPDM Backed)

Size	Code	Price
20	16.342.1520.11	167.53
25	16.342.1525.11	178.69
32	16.342.1532.11	206.99
40	16.342.1540.11	262.07
50	16.342.1550.11	314.19
63	16.342.1563.11	399.83

## PolyPure T-Diaphragm Valve

**Description:** Diaphragm valve on T-branch with position indicator

**Mounting:** In any position

**Maximum Fluid Pressure at 20°C:** 10 bar

**Fluid Temperature Range:** 0°C - 50°C

**Construction:**

**Body:** Polypropylene Natural

**Diaphragm:** PTFE (EPDM backed)

**End Connections:** Fusion spigots



Size	Code	Price
20/20	16.343.2021.11	261.35
32/20	16.343.3221.11	301.86
32/25	16.343.3226.11	301.86
32/32	16.343.3233.11	301.86
40/20	16.343.4021.11	314.70
40/25	16.343.4026.11	314.70
40/32	16.343.4033.11	314.70
50/20	16.343.5021.11	329.55
50/32	16.343.5033.11	329.55
63/32	16.343.6333.11	345.08

## Technical Resources

Register online for our technical catalogue

[www.ipsflowsystems.com](http://www.ipsflowsystems.com)

Or call our technical team on:

**0800 975 79 71**

