



**PX LINE**



**316L Stainless Steel Push-in Fittings, Inch/NPTF**

The push-in fittings of the PX line, available in inch sizes and NPTF threads, are entirely made of AISI 316L (1,4404) and they are the perfect solution for highly aggressive environments and high temperature rated applications.

# PX Line



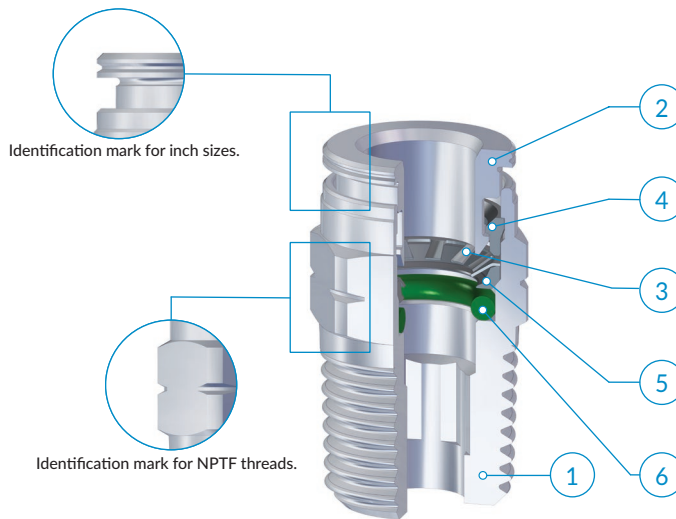
-4° ÷ 356°F



Max 290 PSI



-29" Hg



	1/8 NPTF	1/4 NPTF	3/8 NPTF	1/2 NPTF
5/32	●			
1/4	●	●		
5/16		●		
3/8		●	●	
1/2			●	●

### Recommended tubings:

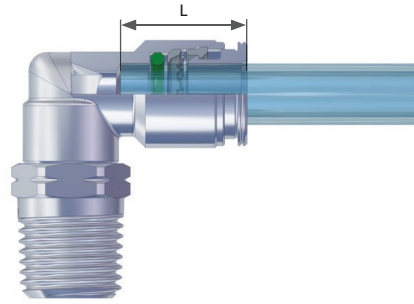
PVDF, PTFE and Stainless steel tubes (for rigid hose assembly see the instructions above)

### Acceptable Tolerances on the tubings:

+/- .003 up to Ø 3/8"  
+/- .004 Ø 1/2"

### Application fields:

Pneumatics, Food Industry, Chemical, Medical and Pharmaceutical Industry

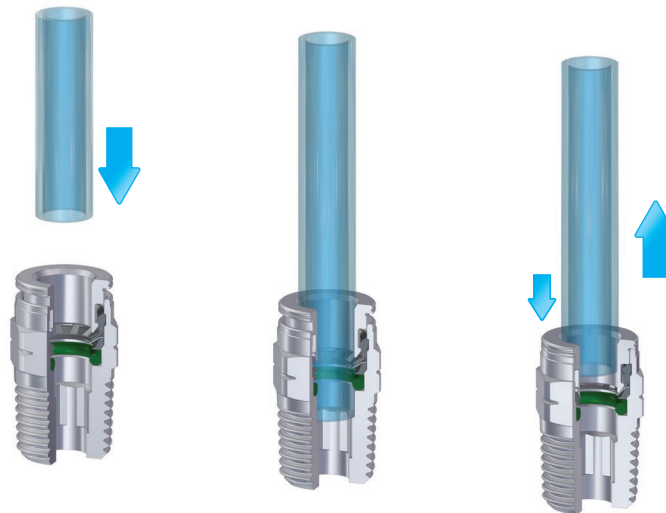


OD	L
5/32	.520
1/4	.634
5/16	.637
3/8	.720
1/2	.767

**i** ASSEMBLY INSTRUCTIONS

- 1**  
Cut the tube square (by means of a hose cutter i.e. our TCUT) making sure that no burrs are left and that the tube is not oval.
- 2**  
Insert the tube into the fitting until it bottoms.

**Tube release**  
While pressing on the release ring, pull out the tube from the fitting.

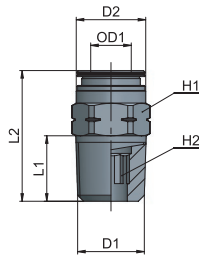


Once the tubing is connected to the fitting, make sure that the tubing is not subject to any tensile strength and that the min. recommended bending radius stated in the tubing section of this catalogue is complied with (see page 136).

To prevent any accidental tube release, no components have to come in touch with the release ring and exercise any unwanted pressure on the same. Indeed however lateral, any load on the release ring may cause the tube disconnection.  
To tighten threads, please check out our tightening torque chart illustrated at page 6.

## PX 11

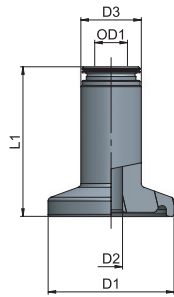
Taper straight, male



Type	OD1	D1	D2	L1	L2	H1	H2	oz $\Delta$
11 5/32 1/8	5/32	1/8 NPTF	.374	.335	.768	.472	1/8	.346
11 1/4 1/8	1/4	1/8 NPTF	.472	.335	.866	.512	5/32	.385
11 1/4 1/4	1/4	1/4 NPTF	.472	.512	.965	.551	5/32	.642
11 5/16 1/4	5/16	1/4 NPTF	.551	.512	1.004	.551	1/4	.572
11 3/8 1/4	3/8	1/4 NPTF	.630	.512	1.260	.669	1/4	.925
11 3/8 3/8	3/8	3/8 NPTF	.630	.512	1.004	.709	5/16	.914
11 1/2 3/8	1/2	3/8 NPTF	.787	.512	1.161	.827	3/8	1.126
11 1/2 1/2	1/2	1/2 NPTF	.787	.669	1.201	.866	3/8	1.641

## PX 11 XT

Clamp to push-in fitting

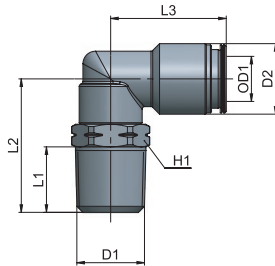


Type	OD1	D1	D2	D3	L1	oz $\Delta$
11 1/4 XT D25	1/4	.984	.179	.472	1.161	1.002
11 1/4 XT D50,4	1/4	1.984	.179	.472	1.161	-
11 3/8 XT D25	3/8	.984	.305	.630	1.181	1.265
11 3/8 XT D50,4	3/8	1.984	.305	.630	1.181	3.564

Surface finishing of the Clamp side: SF1 Class

## PX 15

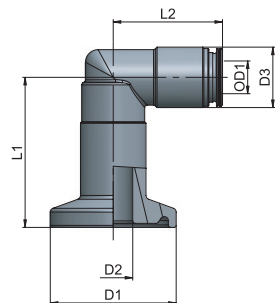
Taper swivelling elbow fitting, male



Type	OD1	D1	D2	L1	L2	L3	H1	oz $\Delta$
15 5/32 1/8	5/32	1/8 NPTF	.354	.335	.748	.689	.472	.445
15 1/4 1/8	1/4	1/8 NPTF	.472	.335	.827	.846	.512	.741
15 1/4 1/4	1/4	1/4 NPTF	.472	.512	1.024	.846	.551	.893
15 5/16 1/4	5/16	1/4 NPTF	.551	.512	1.043	.886	.551	.963
15 3/8 1/4	3/8	1/4 NPTF	.630	.512	1.157	1.004	.669	1.454
15 3/8 3/8	3/8	3/8 NPTF	.630	.512	1.157	1.004	.709	1.517
15 1/2 3/8	1/2	3/8 NPTF	.787	.512	1.280	1.102	.827	2.385
15 1/2 1/2	1/2	1/2 NPTF	.787	.669	1.457	1.102	.866	2.720

## PX 15 XT

Clamp to push-in 90° fitting




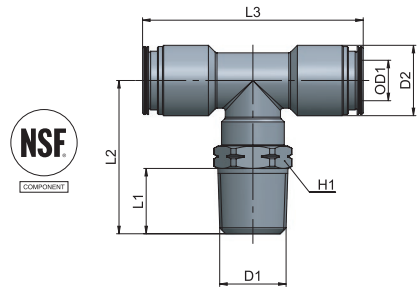
Type	OD1	D1	D2	D3	L1	L2	oz $\Delta$
15 1/4 XT D25	1/4	.984	.305	.472	1.173	.846	-
15 1/4 XT D50,4	1/4	1.984	.305	.472	1.173	.846	-
15 3/8 XT D25	3/8	.984	.305	.630	1.252	1.024	-
15 3/8 XT D50,4	3/8	1.984	.305	.630	1.252	1.024	-

Surface finishing of the Clamp side: SF1 Class

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Swivelling T fitting, taper

Type	OD1	D1	D2	L1	L2	L3	H1	oz 
20 5/32 1/8	5/32	1/8 NPTF	.374	.335	.886	1.378	.472	.657
20 1/4 1/8	1/4	1/8 NPTF	.472	.335	.846	1.693	.512	1.034
20 1/4 1/4	1/4	1/4 NPTF	.472	.512	1.043	1.693	.551	1.193
20 5/16 1/4	5/16	1/4 NPTF	.551	.512	1.201	1.693	.551	1.313
20 3/8 1/4	3/8	1/4 NPTF	.630	.512	1.260	2.008	.669	2.272
20 3/8 3/8	3/8	3/8 NPTF	.630	.512	1.260	2.008	.709	2.350



CO 67

MA 31

MM 115

PA 49

PE 45

PM 111

PN 19

PT 121

PU 55

PU Safety 59

PUX 101

PV 81

PVX 105


PX 95

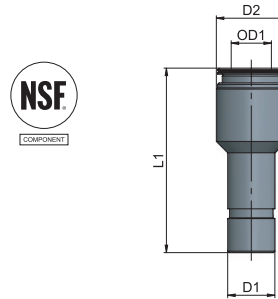
Tool 129

Tubings 135

PX 25


Reducer

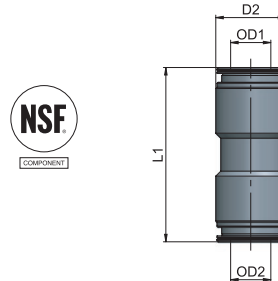
Type	OD1	D1	D2	L1	oz 
25 5/32 1/4	5/32	1/4	.374	1.240	.272
25 1/4 5/16	1/4	5/16	.472	1.358	.413
25 1/4 3/8	1/4	3/8	.472	1.358	.487
25 5/16 3/8	5/16	3/8	.551	1.437	.544



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Union

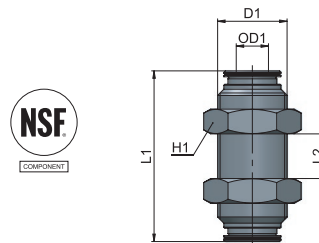
Type	OD1	OD2	D2	L1	oz 
26 5/32 5/32	5/32	5/32	.374	1.102	.311
26 1/4 1/4	1/4	1/4	.472	1.323	.519
26 5/16 5/16	5/16	5/16	.551	1.339	.695
26 3/8 3/8	3/8	3/8	.630	1.520	.946
26 1/2 1/2	1/2	1/2	.787	1.614	1.553



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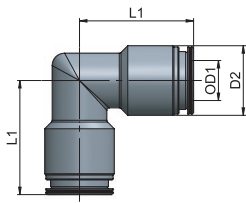
Bulkhead union


Type	OD1	D1	L1	L2	H1	oz 
27 5/32 5/32	5/32	M12x1	1.102	.453	.630	.699
27 1/4 1/4	1/4	M14x1	1.339	.571	.669	1.045
27 5/16 5/16	5/16	M16x1	1.339	.610	.748	1.277
27 3/8 3/8	3/8	M18x1	1.535	.689	.827	1.766
27 1/2 1/2	1/2	M22x1,5	1.614	.728	1.024	2.638



## PX 28

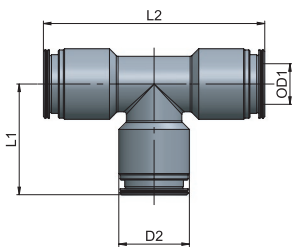
Union elbow




Type	OD1	D2	L1	oz 
28 5/32 5/32	5/32	.374	.689	.448
28 1/4 1/4	1/4	.472	.827	.597
28 5/16 5/16	5/16	.551	.886	.872
28 3/8 3/8	3/8	.630	1.004	1.535
28 1/2 1/2	1/2	.787	1.083	1.799

## PX 29

Union T



Type	OD1	D2	L1	L2	oz 
29 5/32 5/32	5/32	.374	.689	1.378	.565
29 1/4 1/4	1/4	.472	.827	1.654	.992
29 5/16 5/16	5/16	.551	.846	1.693	1.165
29 3/8 3/8	3/8	.630	.984	1.969	2.039
29 1/2 1/2	1/2	.787	1.083	2.165	2.470