

Universal Thread Push-In Fittings Specifications

The stainless steel gripper design ensures superior clamping on Nylon, polyethylene, polyurethane and copper tubing. Universal Threaded Push-In Fittings are designed with a lip-type seal design for exceptional sealing in both pressure and vacuum applications.



COMPONENT MATERIALS

1.	BODY	–	Nickel Plated Brass
2.	THRUST RING	–	Glass-Filled Nylon
3.	SLEEVE	–	Nickel Plated Brass
4.	GRIPPER COLLET	–	301 Stainless Steel
5.	SAFETY RING	–	Nylon (PA66)
6.	LIP SEAL	–	Nitrile (NBR 70)
7.	THREAD SEAL	–	Nitrile (NBR 70)

Pressure Rating

0-250 psi (17bar)

Temperatures

Minimum - 0°F (-18°C)
Maximum - 160°F (70°C)

Tubing

Nylon*, Polyethylene*, Polyurethane* and Copper

**For best results, use 95 Shore A Durometer or higher*

These Universal Thread System fittings can be assembled with female threads produced to the following thread standards:

Tapered: (*BSPT, ISO 7, *NPT, *NPTF, PT, PT-JIS and R/Rc Thread)

Parallel: (BSP, *BSPP, G Thread, ISO 7, ISO 228, J/UNJ Thread, PF, PF-JIS and R/Rp Thread)

**The most frequently requested and widely used miniature flow control thread types*

Torque Specifications

Threads	1/8 inch	1/4 inch	3/8 inch	1/2 inch
Minimum Torque (Nm)	5	5	5	5
	(Ft lbs)	3.7	3.7	3.7
Minimum Torque (Nm)	7	7	7	7
	(Ft lbs)	5.2	5.2	5.2

It is the sole responsibility of the system designer and user to select products suitable for their specific application requirements and to ensure proper installation, operation and maintenance of these products. Material compatibility, product ratings and application details should be considered in the selection. Improper selection or use of products described herein can cause personal injury or product damage.

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