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**SPECS &
INFORMATION**

Recommended Tightening Torque

Thread Size	Nylon 66		PP		PVDF	
	Nm	ft lb	Nm	ft lb	Nm	ft lb
1/8"	0.1	0.07	0.01	0.01	0.1	0.07
1/4"	0.8	0.6	0.3	0.2	1	0.8
3/8"	4	3	1	1	5	3
1/2"	6	4	2	2	8	6
3/4"	8	6	5	4	16	12
1"	10	7	8	6	26	19

Fittings Tolerances (According to ISO 2768-c)

Size mm	Tolerance
1-6	±0.3
6-30	±0.5
30-120	±0.8

Chemical Resistance

	Water		Acids		Detergents	
	Cold	Hot	Weak	Strong	Weak	Strong
LDPE	3	1	3	2	3	3
HDPE	3	3	3	3	3	3
Nylon 6-6	3	2	1	1	3	2
Polypropylene	3	3	3	2	3	3
Acetal	3	3	2	1	3	3
PVDF	3	3	3	3	3	3

1 - Bad 2 - Medium 3 - Good

Note:

Notice tube dimension differ between industries.

Fittings' dimensions refer to tube ID or OD, with respect to the common application.

Use thread seal tape

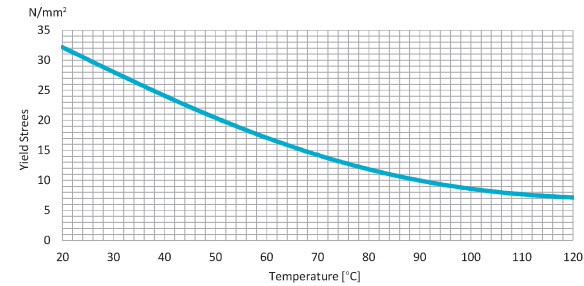


Minimum straight tube segment

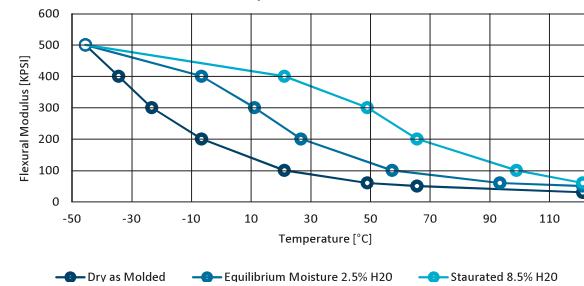


PROPERTIES

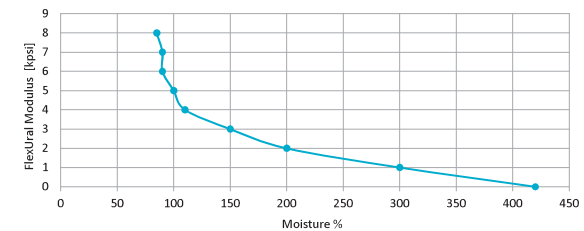
Yield stress of PP as a function of temperature



Flexural modulus VS. temperature



Flexural modulus VS. moisture content at 73 °F



Fittings - Threaded Connectors

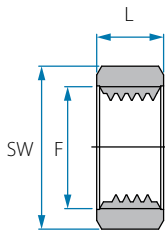
Nylon 6-6



Working pressure
Up to 14 BAR
(200 psi) at 20 °C



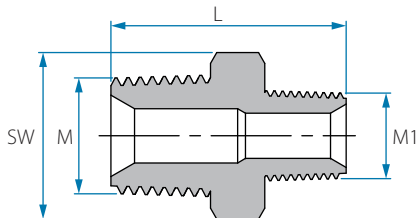
Temperature
-20 °C - 110 °C
(subject to application)



Panel Mounting Nut

Cat. No.	F (BSPT)	L mm	SW	Color
**32006100042	1/4"	5.0	17	● Black
32006100081	1/2"	11.6	26	○ White
32006100082	1/2"	11.6	26	● Black
32006100088	1/2"	11.6	26	● Blue
*32006100201	M20	5.0	26	○ White

Note: Packing 25 unit
* Thin configuration
** Acetal



BSPT Pipe Reducing Nipple

Cat. No.	M (BSPT)	M1 (BSPT)	L mm	SW	Color
12012304028	1/4"	1/8"	25.2	14	● Blue
12012306028	3/8"	1/8"	27.1	17	
12012306048	3/8"	1/4"	28.5	17	
12012308048	1/2"	1/4"	31.5	22	
12012308068	1/2"	3/8"	31.5	22	
12012312088	3/4"	1/2"	34.5	27	

Note: Packing 25 unit

NPT Pipe Reducing Nipple

Cat. No.	M (NPT)	M1 (NPT)	L mm	SW	Color
12022304023	1/4"	1/8"	28.4	14	● Grey
12022306023	3/8"	1/8"	29.6	17	
12022308023	1/2"	1/8"	34.9	22	
12022312023	3/4"	1/8"	35.4	27	
12022306043	3/8"	1/4"	33.4	17	
12022308043	1/2"	1/4"	38.7	22	
12022312043	3/4"	1/4"	39.4	27	
12022308063	1/2"	3/8"	39.1	22	
12022312063	3/4"	3/8"	39.6	27	
12022312083	3/4"	1/2"	44.1	27	

Note: Packing 25 unit



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