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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

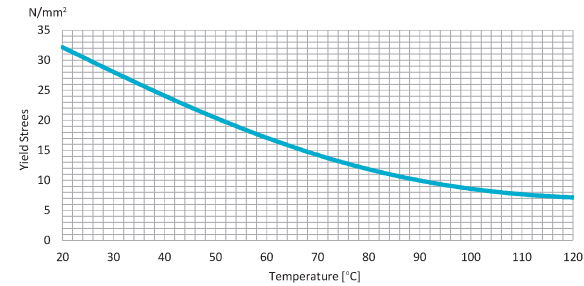


Minimum straight tube segment

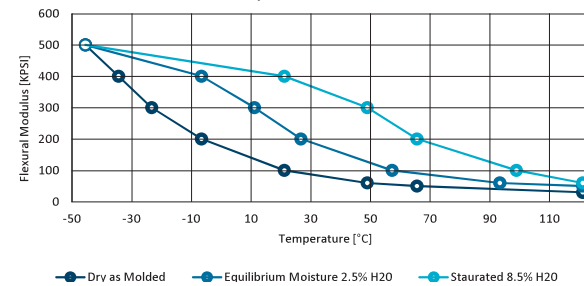


PROPERTIES

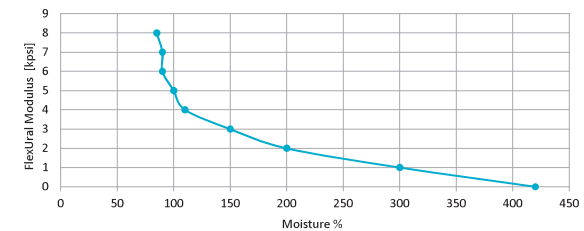
Yield stress of PP as a function of temperature



Flexural modulus VS. temperature



Flexural modulus VS. moisture content at 73 °F



Fittings - Barb Block

Reinforced Polypropylene

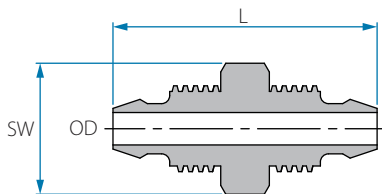


Working pressure
Up to 14 BAR
(200 psi) at 20 °C



Temperature
4 °C - 90 °C
(subject to application)

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



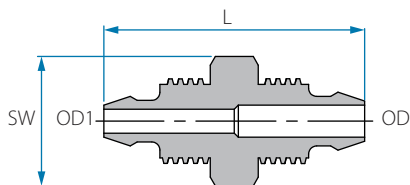
Union Connector

Cat. No.	Tube OD mm	L mm	SW	Color
22046246008	6	32.7	14	Blue
22046248008	8	32.7	14	
22046252008	12	40.6	19	

Cat. No.	Tube OD inch	L mm	SW	Color
22046204008	¼"	32.7	14	Navy Blue
22046205008	⅝"	32.7	14	
22046208008	½"	40.6	19	

Cat. No.	Tube OD inch	L mm	SW	Color
22246204003	¼"	32.5	14	Grey
22246205003	⅝"	32.6	14	
22246208003	½"	40.4	19	

Note: Packing 25 unit



Reducing Connector

Cat. No.	Tube OD mm	Tube OD1 mm	L mm	SW	Color
22045648468	8	6	32.7	14	Blue

Cat. No.	Tube OD inch	Tube OD1 inch	L mm	SW	Color
22045605048	⅝"	¼"	32.7	14	Navy Blue
22245605043	⅝"	¼"	32.7	14	Grey

Note: Packing 25 unit



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