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**SPECS &
INFORMATION**

FLOW PRODUCTS

Technical 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

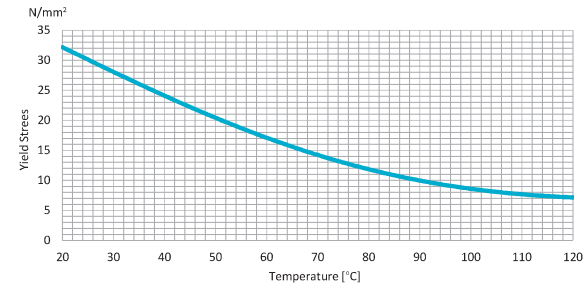


Minimum straight tube segment

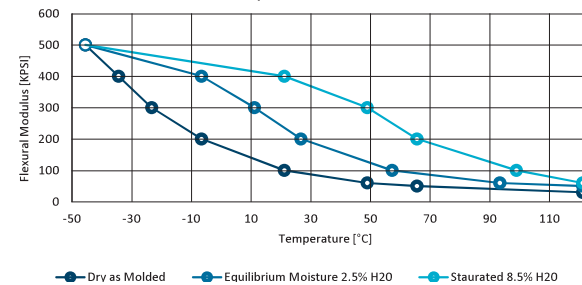


PROPERTIES

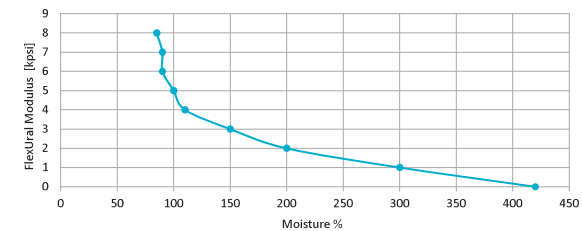
Yield stress of PP as a function of temperature



Flexural modulus VS. temperature



Flexural modulus VS. moisture content at 73 °F



Fittings - Hose Fittings

Nylon 6-6



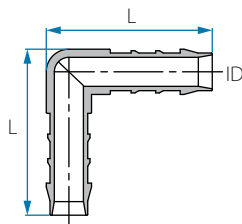
Working pressure
Up to 14 BAR
(200 psi) at 20 °C



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



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

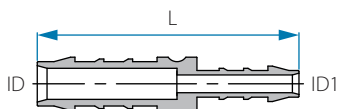


Union Elbow Hose Connector

Cat. No.	Tube ID mm	L mm	Color
12446544008	4	26.3	Blue
12446545008	5	31.7	
12446546008	6	35.5	
12446548008	8	41.4	
12446550008	10	44.6	
12446552008	12	46.3	
12446554008	14	51.0	
12446556008	16	53.9	
12446559008	19	55.8	

Cat. No.	Tube ID inch	L mm	Color
12256502003	5/32"	25.6	Grey
12256503003	3/16"	33.2	
12256504003	1/4"	36.1	
12256505003	5/16"	41.4	
12256506003	3/8"	44.6	
12256508003	1/2"	47.6	
12256509003	9/16"	51.2	
12256510003	5/8"	54.3	
12256512003	3/4"	56.7	

Note: Packing 25 unit



Reducing Hose Connector

Cat. No.	Tube ID mm	Tube ID1 mm	L mm	Color
12445645448	5	4	42.2	Blue
12445646448	6	4	45.7	
12445646458	6	5	50.6	
12445648458	8	5	54.4	
12445648468	8	6	56.3	
12445650468	10	6	58.9	
12445650488	10	8	62.0	
12445652488	12	8	63.8	
12445652508	12	10	65.3	
12445654508	14	10	69.1	
12445654528	14	12	69.9	
12445656528	16	12	70.3	
12445656548	16	14	71.7	
12445659548	19	14	72.7	
12445659568	19	16	73.2	

Note: Packing 25 unit



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