

Par-Barb Thermoplastic Fittings



Par-Barb fittings are precision injection molded from high-strength, chemically inert, thermoplastic materials.

The specially engineered four-barb design generates the maximum gripping and sealing power when combined with a hose clamp. The unique barb design requires the tube or hose to expand slightly to accept the fitting, providing a positive seal on the barbs.

Par-Barb fittings are widely used with Parflex clear vinyl tubing, urethane tubing and a variety of rubber tubing and hose. Par-Barb fittings meet FDA and NSF specifications for food contact and potable water.*

Par-Barb is recommended in medical, pollution control, food and beverage applications. Other uses include irrigation, instrumentation, reverse osmosis and deionized water systems.

Temperature range:

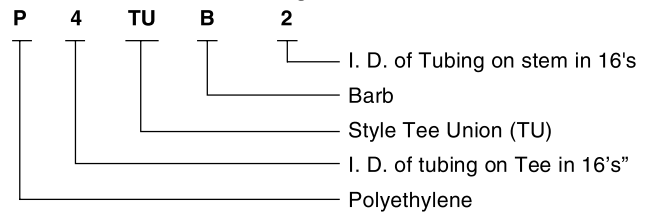
Black Polyethylene: -65°F (-54°C) to +190°F (+88°C.)

White Nylon: -40°F (-40°C) to +200°F (+93°C.)

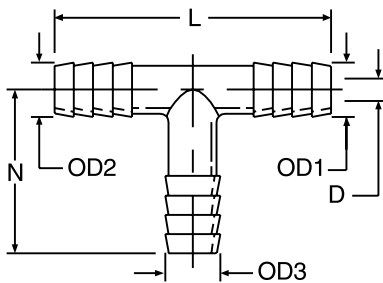
Working Pressures:






Par-Barb fittings are generally used in systems where pressures do not exceed 125 psi. When used in excess of 125 psi, Par-Barb fittings, in all sizes, should be tested by the customer in his particular application. Operating pressures of Par-Barb fittings are governed by ambient and fluid temperatures, type of fluid conveyed, hose or tubing used, clamping mechanism employed and conditions of mechanical abuse.

How to order Par-barb fittings:



TUB - Tee Union



Black High Density Linear Polyethylene Part Number	White Nylon Part Number	Tube or Hose I. D. 1 & 2	Tube or Hose I. D. 3	O. D. 1 & 2	O. D. 3	L	N	D Flow Diameter
#	#							
P2TUB2	N2TUB2	1/8	1/8	.141	.141	1.203	0.594	.078
P3TUB2	N3TUB2	3/16	1/8	.205	.141	1.941	1.256	.078
P3TUB3	N3TUB3	3/16	3/16	.245	.245	1.941	1.256	.106
P4TUB2	N4TUB2	1/4	1/8	.308	.141	2.004	1.256	.078
P4TUB3	N4TUB3	1/4	3/16	.308	.245	2.004	1.256	.106
P4TUB4	N4TUB4	1/4	1/4	.308	.308	2.004	1.256	.153
P5TUB5	N5TUB5	5/16	5/16	.361	.361	2.058	1.256	.215
P6TUB3	N6TUB3	3/8	3/16	.425	.245	1.941	1.256	.106
P6TUB4	N6TUB4	3/8	1/4	.425	.308	2.121	1.256	.153
P6TUB6	N6TUB6	3/8	3/8	.425	.425	2.134	1.256	.247
P6TUB8	N6TUB8	3/8	1/2	.425	.550	2.121	1.256	.247
P8TUB4	N8TUB4	1/2	1/4	.550	.308	2.246	1.256	.153
P8TUB6	N8TUB6	1/2	3/8	.550	.425	2.248	1.256	.247
P8TUB8	N8TUB8	1/2	1/2	.550	.550	2.248	1.256	.372
P10TUB8	N10TUB8	5/8	1/2	.644	.550	2.340	1.256	.372
P10TUB10	N10TUB10	5/8	5/8	.644	.644	2.340	1.256	.465

*P2UCB2, P2TUB2, P12HPN6 are not FDA compliant.