POLYURETHANE TUBING

SERIES HU: HIGH DUROMETER

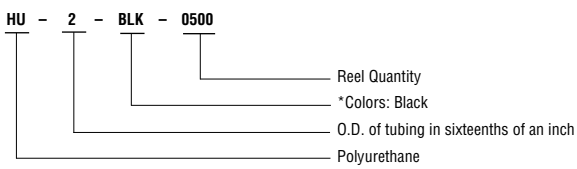
General Description: Parflex high-durometer polyurethane tubing is a high quality, precision made tubing used in a wide range of demanding and critical applications. Polyurethane tubing occupies a unique position among polymers, sharing the best properties of both rubber and plastic. Urethane exhibits the elongation and recovery characteristics of rubber and the chemical resistance associated with plastics. The tubing is tough, strong, kink resistant and abrasion resistant. Parflex high-durometer polyurethane tubing is used for a wide variety of applications. Typical usage includes air tools, robotics, pneumatic logic and actuation systems, analytical instrumentation, vacuum equipment, pressure measurement apparatus, semiconductor equipment manufacturers and a variety of laboratory applications. Parflex high-durometer polyurethane tubing has a Shore A hardness greater that 95 durometer. This high durometer enables the use of compression/push-to-connect fittings and significantly increases the working pressure versus standard polyurethane tubing.
Suggested operating temperatures, depending upon conditions, are -40°F to +180°F.

Fitting Recommendations:
- Parker TrueSeal™ fittings

Special Features:
- Tough
- Flexible
- Broad Temperature Range
- Abrasion Resistant
- Chemical Resistant

Part No.	Nominal Tube O.D. (in.)	Nominal Tube I.D. (in.)	Wall Thickness (in.)	**Working Pressure at 73°F psi	Working Pressure at 73°F psi	Coil Length ft.
HU-2-BLK-0100	1/8	.063	.031	300	900	100
HU-2-BLK-0500	1/8	.063	.031	300	900	500
HU-2.5-0100	5/32	.094	.031	210	630	100
HU-2.5-0500	5/32	.094	.031	210	630	500
HU-4-BLK-0100	1/4	.160	.045	180	540	100
HU-4-BLK-0500	1/4	.160	.045	180	540	500
HU-6-BLK-0100	3/8	.250	.062	180	540	100
HU-6-BLK-0500	3/8	.250	.062	180	540	500
HU-8-BLK-0100	1/2	.320	.090	180	540	100
HU-8-BLK-0250	1/2	.320	.090	180	540	250

* Colors: Black-BLK, Red-RED, Navy Blue-DBL, Silver-SIL, Blue-BLU. Consult distributor for availability of other color options.
** Suggested working pressure is 1/3 or burst pressure.

HOW TO ORDER

Example: Order by tubing part number and name