

POLYETHYLENE TUBING

SERIES E: INSTRUMENT GRADE – FDA, NSF LISTED • SERIES EB: ULTRAVIOLET LIGHT RESISTANT

General Description: Parflex flexible polyethylene thermoplastic tubing is extruded from high molecular weight resin for increased dimensional stability, uniformity and long-term strength. Its resistance to environmental stress cracking greatly exceeds that of ordinary polyethylene tubing as measured by ASTM D-1693 (10% Igepal).

Parflex E series polyethylene tubing is available in black as well as nine other colors, as recommended by the Instrument Society of America. Black (EB) tubing contains an ultraviolet inhibitor which is recommended for use in sunlit areas and in close proximity to high ultraviolet light sources. FDA, NSF 51 and NSF 61 compliant black polyethylene tubing is also available and is denoted with the letters "NSF" in the part number. Ingredients of E series natural and colored tubing listed below meet FDA, NSF 51 and NSF 61 requirements for food contact applications. All tubing conforms to ASTM D-1248, Type 1, Class A, Category 4, Grade E5.

Suggested operating temperature range: -80°F to +150°F.

Fitting

Recommendation: Parker True Seal™ fittings.

Features:

- Chemical Resistant
- Flexible
- Low Cost
- Five Tube Sizes
- Choice of Reel Lengths

Part No.	Color	O.D. (in.)	I.D. (in.)	Avg. Wall Thickness	Working Pressure @ 73°F psi	Min. Burst Pressure @ 73°F psi	Reel Length (ft.)	Min. Bend Radius (in.)
E-43-0100	Natural	1/4	.170	.040	120	480	100	1
E-43-0500	Natural	1/4	.170	.040	120	480	500	1
E-43-1000	Natural	1/4	.170	.040	120	480	1000	1
E-53-0100	Natural	3/8	.250	.062	125	500	100	1-1/4
E-53-0500	Natural	3/8	.250	.062	125	500	500	1-1/4
E-64-0100	Natural	3/8	.250	.062	125	500	100	1-1/4
E-64-0500	Natural	3/8	.250	.062	125	500	500	1-1/4

HOW TO ORDER

Example: E-64-Y-0500 is 3/8" O.D. x .250" I.D x 500' long.

