

E-D Plex™

Long flex life

E-D Plex™ is a multi-purpose tubing that is ideally suited for applications which range from transferring paint, ink, acids and bases. Some oil and hydrocarbons will work with **E-D Plex™**, but should be tested before use. Combining the environmental resistance of EPDM with the chemical resistance of chloroprene, **E-D Plex™** possesses similar elastomeric performance found in more expensive vulcanized rubber, while still maintaining high flex fatigue resistance.. **E-D Plex™** has been proven very successful in peristaltic pump applications where continuous flexing is required. **E D Plex™** is stocked in a Shore "A" durometer of 65 and comes in lengths of up to 500 feet, depending on the size. Other sizes, durometers, colors and lengths can be made on request.

PHYSICAL PROPERTIES

Property	ASTM Test Method	Typical Values
Specific Gravity	D-792	0.98
Tensile Strength(psi)	D-412	928
Ultimate Elongation (%)	D-412	374
Hardness(Shore 'A' Scale +/- 2)	D-2240	65
Normal Working Temperature (F)		(-40° to 190°)
Tensile set @ 100%	D-412	11.9%
100% Modulus (psi)	D-412	386
Compression set(%)	D-395B	20
Tear Strength(lbs per inch)	D-624	103

CAT NO.	SIZE			PUMP TYPE	WT/FT (GMS)	WORK PSI	PRICE PER FOOT					
	I.D.	O.D.	WALL				50 FT. COIL	100 FT. COIL	250 FT. C or R	500 FT. REEL(S)	1000, REEL(S)	
ED003015	0.031	0.156	0.063		3.50	85.3						
ED006018	0.063	0.188	0.063	250	4.68	49.0						
ED006021	0.063	0.218	0.078		6.53	58.4						
ED012025	0.125	0.250	0.063	250	7.03	28.1						
ED012037	0.125	0.375	0.125		18.74	49.0						
ED018031	0.188	0.313	0.063		9.37	20.3						
ED018037	0.188	0.375	0.094	300/500	15.81	28.1						
ED025037	0.250	0.375	0.063		11.71	16.2						
ED025043	0.250	0.438	0.094	300/500	19.33	22.4						
ED025050	0.250	0.500	0.125		28.11	28.1						
ED031043	0.313	0.438	0.063		14.06	13.5						
ED031050	0.313	0.500	0.094		22.84	18.7						
ED037050	0.375	0.500	0.063		37.28	11.7						
ED037056	0.375	0.563	0.094		47.32	16.2						
ED037062	0.375	0.625	0.125	610	37.48	20.3						
ED037087	0.375	0.875	0.250		93.70	35.4						
ED043056	0.438	0.563	0.063		18.74	10.3						
ED050062	0.500	0.625	0.063		21.08	9.3						
ED050068	0.500	0.688	0.094		33.38	12.8						
ED050075	0.500	0.750	0.125	610	46.85	16.2						
ED050087	0.500	0.875	0.188		77.31	22.4						
ED062081	0.625	0.813	0.094		40.41	10.7						
ED062087	0.625	0.875	0.125		56.22	13.5						
ED062093	0.625	0.938	0.156	750	73.07	16.2						
ED062100	0.625	1.000	0.188	750	91.36	18.7						
ED075100	0.750	1.000	0.125		65.59	11.7						
ED075106	0.750	1.063	0.156	750	84.92	14.0						
ED075125	0.750	1.250	0.250	880	149.92	20.3						
ED100125	1.000	1.250	0.125		84.33	9.3						
ED100137	1.000	1.375	0.188		133.53	12.8						
ED100150	1.000	1.500	0.250	880	187.41	16.2						

**Call 1-800-531-5263
for pricing.**