



Polyurethane

Ether 75A & Ester 85A

Our Polyurethane tubing is available in polyether and polyester, both with optimum abrasion resistance, high tensile strength and low-temperature flexibility. Neither contain plasticizers, so migration is not a problem. Polyether types give maximum abrasion resistance and good oil, solvent and grease resistance. Both materials meet FDA requirements.

Stocked in 100' coils up to 5/8" x 7/8" x 1/8" wall and 50' coils from 3/4" x 1" x 1/8" wall and larger. Cut pieces, special lengths, durometers and colors on quotation.

For best results, use sleeved compression fittings with all thermoplastic tubing.

Specifications:		
Ether Polyurethane		Test Method
Specific Gravity	1.12	D1505/D792
Tensile Strength	5500	D882/D638
Elongation %	550	D882/D638
Hardness	80-97	D786
Ester Polyurethane		Test Method
Specific Gravity	1.20	D1505/D792
Tensile Strength	6500	D882/D638
Elongation %	550	D882/D638
Hardness	77-97	D786

Sizes			Approx. lbs. / C	Ether/Ester psi @ 73°
I.D.	O.D.	Wall		
1/16"	1/8"	1/32"	.5	80 / 105
1/8"	3/16"	1/32"	.8	50 / 70
	1/4"	1/16"	1.9	80 / 110
3/16"	1/4"	1/32"	1.1	40 / 55
	5/16"	1/16"	2.6	65 / 85
1/4"	5/16"	1/32"	1.4	30 / 50
	3/8"	1/16"	3.2	55 / 75
	7/16"	3/32"	5.3	70 / 95
	1/2"	1/8"	7.7	85 / 110
5/16"	7/16"	1/16"	3.9	50 / 65
	9/16"	1/8"	9.0	75 / 100
3/8"	1/2"	1/16"	4.5	40 / 55
	9/16"	3/32"	7.2	55 / 75
	5/8"	1/8"	10.3	70 / 90
7/16"	5/8"	3/32"	8.2	50 / 65
1/2"	5/8"	1/16"	5.8	30 / 40
	3/4"	1/8"	12.9	55 / 75
5/8"	13/16"	3/32"	11.1	35 / 50
	7/8"	1/8"	15.4	45 / 60
3/4"	1"	1/8"	18.0	40 / 55
7/8"	1-1/8"	1/8"	20.6	35 / 45
1"	1-1/4"	1/8"	23.2	30 / 40