

# CILRAN™

(Acid resistant)

**Cilran™** is made from a thermoplastic elastomer which possesses exceptional chemical resistance to acids and bases. **Cilran™** has low gas permeability, good flex fatigue resistance and meets USP Class VI specifications. Ideal for use in many laboratory applications, it may be used in place of silicone for some applications. **Cilran™** is translucent white in color and available in lengths up to 500 feet.

## PHYSICAL PROPERTIES

Property	ASTM Test Method	Typical Values
Specific Gravity	D-792	0.90
Tensile Strength(psi)	D-412	928
Ultimate Elongation (%)	D-412	374
Hardness(Shore 'A' Scale +/- 2)	D-2240	55
Normal Working Temperature (F)		(-40° to 190°)
Tensile set @ 100%	D-412	11.9%
100% Modulus (psi)	D-412	
Compression set(%)	D-395B	20
Tear Strength(lbs per inch)	D-624	103
		386

CAT NO.	SIZE			PUMP TYPE	WT/FT (GMS)	PSI WORK	PRICE PER FOOT							
	I.D.	O.D.	WALL				1-49	50 FT COIL	100 FT COIL(S)	250 FT coil/reel	500 FT REEL	1000 FT REEL		
C003015	0.032	0.156	0.062		3.26	140.3								
<b>C006018</b>	<b>0.063</b>	<b>0.188</b>	<b>0.063</b>	<b>250</b>	4.35	<b>82.5</b>								
C006021	0.063	0.218	0.078		5.77	97.4								
<b>C012025</b>	<b>0.125</b>	<b>0.250</b>	<b>0.063</b>	<b>250</b>	6.69	<b>47.4</b>								
C012037	0.125	0.375	0.125		17.39	82.5								
C018031	0.188	0.313	0.063		8.62	34.3								
<b>C018037</b>	<b>0.188</b>	<b>0.375</b>	<b>0.094</b>	<b>300/500</b>	14.65	<b>47.4</b>								
C025037	0.250	0.375	0.063		10.87	27.2								
<b>C025043</b>	<b>0.250</b>	<b>0.438</b>	<b>0.094</b>	<b>300/500</b>	17.93	<b>37.6</b>								
C025050	0.250	0.500	0.125		26.08	47.4								
C031043	0.313	0.438	0.063		13.04	22.8								
C031050	0.313	0.500	0.094		21.19	31.5								
C037050	0.375	0.500	0.063		15.21	19.7								
C037056	0.375	0.563	0.094		24.45	27.2								
<b>C037062</b>	<b>0.375</b>	<b>0.625</b>	<b>0.125</b>	<b>610</b>	34.78	<b>34.3</b>								
C037087	0.375	0.875	0.250		86.94	59.6								
C043056	0.438	0.563	0.063		17.39	17.4								
C050062	0.500	0.625	0.063		19.56	15.6								
C050068	0.500	0.688	0.094		30.97	21.6								
<b>C050075</b>	<b>0.500</b>	<b>0.750</b>	<b>0.125</b>	<b>610</b>	43.47	<b>27.2</b>								
C050087	0.500	0.875	0.188		71.73	37.6								
C050100	0.500	1.000	0.250		104.33	47.4								
C062081	0.625	0.813	0.094		37.49	18.1								
C062087	0.625	0.875	0.125		52.16	22.8								
<b>C062093</b>	<b>0.625</b>	<b>0.938</b>	<b>0.156</b>	<b>750</b>	67.92	<b>27.2</b>								
C075100	0.750	1.000	0.125		60.86	19.7								
<b>C075106</b>	<b>0.750</b>	<b>1.063</b>	<b>0.156</b>	<b>750</b>	78.79	<b>23.5</b>								
<b>C075125</b>	<b>0.750</b>	<b>1.250</b>	<b>0.250</b>	<b>880</b>	139.11	<b>34.3</b>								
C100125	1.000	1.250	0.125		78.25	15.6								
C100137	1.000	1.375	0.188		123.89	21.6								
<b>C100150</b>	<b>1.000</b>	<b>1.500</b>	<b>0.250</b>	<b>880</b>	173.88	<b>27.2</b>								

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