

## CN (Cary Neoprene)

Cary Industries CN is a modified polychloroprene (Neoprene). CN is a highly flexible crosslinked material with a continuous operating temperature of -70C to 120C. The low temperature flexibility of Neoprene combined with solvent resistance, abrasion and cut-through protection make this a popular choice for harness, wire bundling and hydraulic coupling.

Ordering Size	Minimum Expanded ID		Maximum Recovered ID		Nominal Recovered Wall		Standard Spool
	Inch	mm	Inch	mm	Inch	mm	
1/8"	.125	3.18	.062	1.59	.027	.70	200
3/16"	.187	4.75	.093	2.37	.033	.84	200
1/4"	.250	6.35	.125	3.18	.035	.89	200
3/8"	.375	9.53	.187	4.76	.040	1.02	100
1/2"	.500	12.70	.250	6.35	.048	1.22	100
5/8"	.625	15.88	.313	7.92	.052	1.32	100
3/4"	.750	19.05	.375	9.53	.057	1.45	100
7/8"	.875	22.23	.437	11.10	.065	1.65	100
1"	1.000	25.40	.500	12.70	.070	1.78	100
1 1/4"	1.250	31.75	.612	15.54	.087	2.21	50
1 1/2"	1.500	38.10	.750	19.05	.095	2.41	50
1 3/4"	1.750	44.45	.875	22.23	.107	2.72	50
2"	2.000	50.80	1.000	25.40	.110	2.79	50
3"	3.000	76.20	1.500	38.10	.125	3.18	50
M23053/1 Class 1 and 2	Mil-R-46846 Type 1 Class 1		AMS 3623		Standard Color: Black		Available in spools

	Test Method	Typical Value
Tensile Strength(psi)	ASTM D-412	2100 PSI Min
Ultimate Elongation	ASTM D-412	500% Min
Secant Modulus, 2%	ASTM D-882	3 X 10(3) PSI
Specific Gravity	ASTM D-792	1.3
Water Absorption (24 Hrs @ 23C)	ASTM D-570	.050%
Dielectric Strength	ASTM D-2671	477 VPM
Volume Resistivity (OHM-CM)	ASTM D-876	1.34 X 10(14) ohm-cm
Low Temperature Flexibility 4 Hrs @ -70C	Mil-I-23053	No cracking
Heat Shock 4 Hrs @ 200C	No dripping or cracking	