

## CVC (Cary Polyvinylchloride)

Cary Industries CVC is a polyvinylchloride heat shrinkable tubing that recovers to 50% of its original diameter when heated. Shrinking will occur quickly at 200F with a continuous operating temperature of -20C to 105C. While shrinking, the tubing will encapsulate and assume the contours of the covered item. This low cost tubing is used for wire splices, diodes, markers, resistors, terminations, CB antennas, and numerous consumer applications. CVC has outstanding dielectric and mechanical properties and is oil and chemical resistant.

Ordering Size	Minimum Expanded ID		Maximum Recovered ID		Nominal Recovered Wall		Standard Spool
	Inch	mm	Inch	mm	Inch	mm	
3/64"	.046	1.2	.023	0.6	.020	.51	1000
1/16"	.063	1.6	.031	0.8	.020	.51	1000
3/32"	.093	2.4	.046	1.2	.025	.64	1000
1/8"	.125	3.2	.062	1.6	.025	.64	1000
3/16"	.187	4.8	.093	2.4	.025	.64	1000
1/4"	.250	6.4	.125	3.2	.025	.64	1000
5/16"	.312	7.9	.156	4.0	.028	.71	500
3/8"	.375	9.5	.187	4.8	.028	.71	500
1/2"	.500	12.7	.250	6.4	.028	.71	250
5/8"	.625	15.9	.313	7.9	.033	.84	250
3/4"	.750	19.1	.375	9.5	.033	.84	250
1"	1.000	25.4	.500	12.7	.038	.97	250
1 1/4"	1.250	31.8	.612	15.5	.043	1.09	250
1 1/2"	1.500	38.1	.750	19.1	.043	1.09	100
2"	2.000	50.8	1.000	25.4	.048	1.22	100
3"	3.000	76.2	1.500	38.1	.068	1.73	50
4"	4.000	101.6	2.000	50.8	.073	1.85	50

Mil-I-23053/2 Class 2 UL-224 VW-1 CSA AMS 3579 105C  
 Standard Colors: Black, White, Clear, and Red. \$1.00 charge for non-standard spools

### CVC Technical Data

#### Physical

Tensile Strength	3000 PSI
Ultimate Elongation	300%
Longitudinal Shrinkage	10% Max
Specific Gravity	1.32
Flammability	UL subject 224 VW-1-Pass
Brittleness Temperature	-28C

#### Electrical

Dielectric Strength	1083 vpm
Volume Resistivity	10(12) ohm-cm

#### Chemical

Water Absorption	1.0% max. 24 Hrs at 25C
Corrosive Effect	Meets requirements of Mil-I-631
Fungus Resistance	Does not support growth

\*Above values are typical performance data and should not be used as design data.

### Mil Spec Information

#### Mil-I-23053/2-

201	3/64"
202	1/16"
203	3/32"
204	1/8"
205	3/16"
206	1/4"
207	3/8"
208	1/2"
209	3/4"
210	1"
211	1-1/2"
212	2"