

## CMW (Cary Medium Wall)

Cary Industries CMW is a medium wall polyolefin tubing with a dual purpose thermoplastic liner. High expansion ratios enable a minimum number of sizes to cover a broad range of cable and connector sizes. This tubing is suitable for a variety of low voltage electrical and mechanical situations where light weight and flexibility are important.

Ordering Size	Minimum Expanded ID		Maximum Recovered ID		Nominal Recovered Wall		Wire Range
	Inch	mm	Inch	mm	Inch	mm	
750	.750	19.1	.220	5.6	.080	2.00	6-1
1100	1.100	27.9	.375	9.5	.080	2.00	4-3/0
1300	1.300	33.0	.400	10.2	.080	2.00	2-4/0
1500	1.500	38.1	.500	12.7	.080	2.00	4/0-400
1700	1.700	43.2	.500	12.7	.080	2.00	2/0-500
2050	2.050	52.1	.750	19.1	.080	2.00	500-1000
2750	2.750	69.9	1.00	25.4	.080	2.00	500-1250
3500	3.500	88.9	1.18	30.0	.095	2.40	1500-2500
4700	4.700	119.4	1.57	39.9	.105	2.7	
6700	6.700	170.2	2.30	58.4	.110	2.8	

M23053/15 Class 2 Op temp -55C – 110C  
 Stocked in black in 4 foot lengths.

### CMW Technical Data

Physical	Test Method	Typical Value
Tensile Strength(psi)	ASTM D-412	2100 PSI Min
Ultimate Elongation	ASTM D-412	600% Min
Hardness-Shore "D"	ASTM D-2240	50D
Specific Gravity	ASTM D-792	1.1
Water Absorption	ASTM D-570	.01%
Electrical		
Dielectric Strength	ASTM D-149	500 Volts/Mil
Volume Resistivity	ASTM D-257	10(16) ohm-cm
Adhesive		
Adhesive Softening Point	ASTM E28	92C +/-5C
Adhesive Peel Strength (300mm/min @ 23C)		
to steel, alum, P.E.	ASTM D1000	35 pli
to PVC	ASTM D1000	20 pli
Chemical		
Fluid Resistance	M 23053/5	Good to excellent
Copper Corrosion	ASTM D2671	No Corrosion
Fungus Resistance	ASTM G21	No Growth

### Mil Spec Information M23053/15-

201	.400	205	1.500
202	.750	206	1.700
203	1.100	207	2.700
204	1.300	208	2.000

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