

CDW SR (Cary Dual Wall Semi-Rigid)

Semi-rigid adhesive lined polyolefin. Semi rigid material protects from flexing, abrasion and vibration.

Ordering Size	Minimum Expanded ID		Maximum Recovered ID		Nominal Recovered Wall		4' length Ft/package
	Inch	mm	Inch	mm	Inch	mm	
1/8"	.125	3.2	.023	.6	.038	0.97	200
3/16"	.187	4.7	.060	1.5	.043	1.10	200
1/4"	.250	6.4	.080	2.0	.047	1.20	200
3/8"	.375	9.5	.135	3.4	.050	1.27	100
1/2"	.500	12.7	.195	5.0	.050	1.39	100
3/4"	.750	19.1	.313	8.0	.065	1.65	100
1"	1.000	25.4	.400	10.2	.075	1.90	40
M23053/4 Class 1	Standard Color:Black		Available in 4 foot lengths				

Technical Data CDW SR

Physical	Test Method	Typical Value
Tensile Strength	ASTM-D638	1500min
Elongation %	ASTM-D638	200 min.
Secant Modulus (psi)	ASTM-D882	25000 min.
Continuous Operating Temp	-	-55C (-67F) to 110C (230F)
Minimum Shrink Temp	-	130C (267F)
Longitudinal Change %	M23053/4	+5,-10
Heat Shock (4 Hrs @ 250C)	M23053/4	No cracking or flowing of outer wall
Cold impact (4 Hrs @ -55C)	ASTM-D746	No cracking

Electrical	Test Method	Typical Value
Dielectric Strength (volts/mil)	ASTM-D876	500 min.
Volume Resistivity (ohm-cm)	ASTM-D876	10(15)

Chemical	Test Method	Typical Value
Fluid Resistance (23C,24 hrs.)		
Tensile Strength PSI	M23053	1000 min.
Corrosion	UL 224	No corrosion
Water Absorption %	ASTM-D570	0.5 max
Flammability	UL 224	NA

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

MIL-Spec Information

Mil-I-23053/4-			
101	1/8"	105	1/2"
102	3/16"	106	3/4"
103	1/4"	107	1"
104	3/8"	108	.300