CVF

Cary Industries CVF (Cary Very Flexible Polyolefin) is used where highly flame-retardant, low shrink temperature insulation is required. The extra flexibility and low shrink temperature (90C) of CVF makes it ideal for shrink fit jacketing and insulation of flexible wire bundles. Standard Color: Black. White, Red, blue, yellow, green, orange, brown, gray, purple also available.

Ordering Size	Minimum Expanded ID		Maximum Recovered ID		Nominal Recovered Wall		Standard Spool	4' length Ft/package
	Inch	mm	Inch	mm	Inch	mm		
3/64"	.046	1.2	.023	0.6	.016	.40	1000	200
1/16"	.063	1.6	.031	0.8	.017	.43	1000	200
3/32"	.093	2.4	.046	1.2	.020	.51	500	200
1/8"	.125	3.2	.062	1.6	.020	.51	500	200
3/16"	.187	4.8	.093	2.4	.020	.51	200	200
1/4"	.250	6.4	.125	3.2	.025	.64	200	100
3/8"	.375	9.5	.187	4.8	.025	.64	200	100
1/2"	.500	12.7	.250	6.4	.025	.64	200	100
3/4"	.750	19.1	.375	9.5	.030	.76	200	100
1"	1.000	25.4	.500	12.7	.035	.89	200	60
1 1/2"	1.500	38.1	.750	19.1	.040	1.02	200	40

Mil-I-23053/5 Class 3 UL-224 125C VW-1 AMS 3636 CSA $1.00 charge for non-standard spools

CVF Technical Data

Physical		Electrical	
Tensile Strength Min	1500 PSI Min	Dielectric Strength	500V/mil
Ultimate Elongation	200% Min	Volume Resistance ohm-cm	10(14)
Longitudinal Change	+-5%	**Chemical**	
Secant Modulus	2.5 X 10(4) PSI	Corrosive Effect	Non-corrosive
Tensile Strength	1000 PSI	Flammability	Pass
Specific Gravity	1.35 Max	Water Absorption	0.5% Max
Heat Aging (168 Hrs @ 175C)	Elongation 100% Min	Fluid Resistance (23C, 24 Hrs) Tensile strength	1000 Min
Heat Shock (4 Hrs @ 250C)	No dripping, cracking		
Low Temperature Flexibility (-55C)	No cracking		

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