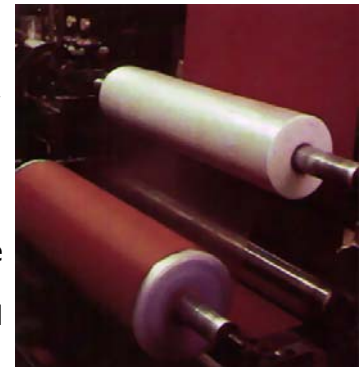










Silicone Coated Fiberglass Fabrics

SGPPL CHR standard COHRLastic silicone coated fabrics, available from stock, have silicone rubber dispersion coated on both sides of fiberglass. They are thin and tough, dimensionally stable yet flexible. Their many applications include belting, vacuum blankets, thermal shielding and diaphragms. The 1000 series has superior electrical properties and good abrasion resistance, while the 3000 series has a smoother, more compressible coating for gasketing applications.

The fabrics shown here are standard products and reflect only a small portion of the many coated fabrics that SGPPL CHR is capable of manufacturing. By varying the glass style and rubber formulation, SGPPL CHR can provide the user with the coated fabric best suited to the application.



Properties*

	Continuous Length, 36" wide								Test Method
									
	1010	1015	1025	1032	1115	3010	3016	3032	
Color	White	White	White	White	Red-Brn	White	White	White	
Thread Count (warp x fill)	60 x 58	42 x 32	20 x 18	20 x 18	42 x 32	60 x 58	42 x 32	20 x 18	
Fabric Thickness, inches	.0038	.007	.016	.016	.007	.0038	.007	.016	
Total Thickness/Tolerance, inches	.010	.017	.025	.032	.015	.010	.016	.032	ASTM D374
	±.001	±.002	±.003	±.003	±.002	±.001	±.002	±.003	
Elongation, %	<10	<10	<10	<10	<10	<10	<10	<10	
Av. Weight per sq. yd., oz.	11	16	22	29	15	13	19	33	FTM 191 5041
Breaking Strength (warp x fill), PPI	120 x 120	200 x 180	350 x 300	250 x 300	200 x 180	175 x 150	350 x 275	400 x 350	ASTM D1000
Burst Strength, PSI	300	500	800	800	500	300	500	800	FTM 191 5122
Tear Strength (warp x fill), Kg	6 x 4	13 x 13	18 x 18	18 x 18	10 x 8	6 x 4	13 x 13	18 x 18	FTM 191 5132
Specification AMS 3315	■	■	■	■	■	■	■	■	
Silicone Coating Style	General Purpose, Electrical Grade (dielectric strength 1,000 volts/mil, approx.)				Abrasion Resistant	Low temperature flexibility			
Temperature Range	-65°F to +500°F					-170°F to +500°F			

All properties are typical values and should not be used for writing specifications. *CHR provides certification to the specifications listed when requested with order.

Andrew Roberts Inc. is a leading converter and fabricator of high performance coated fabrics tapes & belts. Our converting capabilities include:

Die Cutting - Slitting - Sheeting - Heat Sealing - Sewing