



CHRTAPE 

Saint-Gobain Tape Solutions

North America | South America | Europe | Asia

For more information, please visit
tapesolutions.saint-gobain.com

Tape Solutions for Electrical Insulation

Saint-Gobain® Tape Solutions manufactures high performance electrical insulation tapes used in a variety of markets, including Aerospace, Oil & Gas, Electronics, Electrical and Industrial. The key benefits to buying your electrical insulation from **Saint-Gobain** include competitive price, a dedicated Customer Care team, competitive lead time facilitated by **local stock in New York** and deep application knowledge. We will provide you with the **technical support needed** to identify the right product that fits your needs at a competitive price and optimal quality.

Saint-Gobain acquired European electrical tape leader, **h-old®**, and is now offering a wide range of these electrical insulation products in North America under the **CHR®** product line. Our expanded product range is highly complementary to the **CHR** historical products and includes 45 UL-recognized tapes as components per UL 510 with thermal capabilities ranging from Class A (105°C) to Class N (200°C). Additionally, the **Saint-Gobain** electrical insulation portfolio exhibits proven chemical compatibility with other common electrical insulation components through UL Systems testing per UL 1446.

The electrical insulation product range includes a full portfolio of backings and adhesives to match the defined application requirements.

Featured Backings

Kapton® (PI), Glass Cloth, **Nomex®**, PET, Glass Filament Reinforced PET and Paper, PET Laminated to Non-Woven, Acetate Cloth, **Teonex®** (PEN)

Adhesives

Rubber, Acrylic, Silicone



Part Number	Backing	Adhesive	Backing Thickness		Adhesive Thickness		Overall Thickness		Adhesion Strength*		Tensile Strength		Elongation	Dielectric	UL File	Insulation Class	Short Time	Log Width		Color
			mil	µm	mil	µm	mil	µm	oz/in	N/cm	lbs/in	N/cm	%	kV		°C	°C	Inches	mm	
GLASS CLOTH																				
GL.95	Glass Cloth	Rubber-TS	4.7	120	2.0	50	6.7	170	32	3.5	171	300	5	2.5	E178430	130	160	47	1200	White/Black
GL.94	Glass Cloth	Acrylic	4.7	120	1.8	45	6.5	165	37	4	171	300	5	2.5	E178430	155	180	47	1200	White/Black
GL.99	Glass Cloth	Silicone	4.7	120	1.8	45	6.5	165	20	2.2	143	250	5	2.5	E178430	180	280	47	1200	White
GLASS FILAMENT REINFORCED																				
PR.25	PET + Glass Filaments	Rubber-TS	3.3	85	1.4	35	4.7	120	23	2.5	218	380	5	5	E178430	130	160	39	1000	White
PS.25	PET + Glass Filaments	Acrylic	3.3	85	2.8	70	6.1	155	59	6.5	217	380	5	5	E178430	155	180	39	1000	Clear
PS.249	PET + Glass Filaments	Acrylic	3.3	85	3.0	75	6.3	160	37	4	217	380	5	5		155	180	39	1000	Clear
PG.70	Paper + Glass Filaments	Acrylic	6.1	155	3.7	95	9.8	250	27	3	228	400	3	2		130	160	47	1200	White
Kapton (PI)																				
2345-1D	Kapton	Silicone	1.0	25	1.4	35	2.4	60	21	2.3	26	45	35	6.5	E178430	180	260	26	660	Brown
2345-2D	Kapton	Silicone	2.0	50	1.4	35	3.3	85	23	2.5	43	75	35	10	E178430	180	260	26	660	Brown
POLYESTER FILM																				
P.31	PET	Rubber-TS	0.9	23	1.5	37	2.4	60	46	5	23	40	80	4.5	E178430	130	160	50	1280	Yellow/Clear/Black
P.315	PET	Rubber-TS	2.0	50	1.5	37	3.4	87	55	6	40	70	100	7	E178430	130	160	39	1000	Yellow
P.34	PET	Acrylic	0.9	23	1.5	37	2.4	60	23	2.5	23	40	80	4.5	E178430	130	180	50	1280	Yellow/Clear
P.36	PET	Acrylic (flame retardant)	0.9	23	1.8	45	2.7	68	41	4.5	23	40	80	4.5	E178430	130	180	39	1000	White
POLYESTER LAMINATED TO NON-WOVEN																				
PT.20/20	PET + Fleece	Acrylic	3.9	98	2.4	62	6.3	160	73	8	17	30	45	4.8	E178430	155	180	50	1280	White
PT.25	PET + Fleece	Rubber-TS	3.5	90	2.4	60	5.9	150	46	5	17	30	45	4.8	E178430	130	160	39	1280	White
Teonex (PEN)																				
K.30	Teonex	Silicone	1.0	25	1.4	35	2.4	60	27	3	23	40	50	6	E178430	180	240	38	985	Blue
K.50	Teonex	Silicone	2.0	50	1.4	35	3.3	85	23	2.5	51	90	60	8	E178430	180	240	39	1000	Red
NOMEX																				
X.50	Nomex	Acrylic	2.0	50	2.0	50	3.9	100	50	5.5	20	35	5	2.5	E178430	155	180	36	914	White

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