



**Saint-Gobain - Tape Solutions**

North America | South America | Europe | Asia

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## 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** recently 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	PET + 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	39	1000	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
ACETATE CLOTH																				
CA.100	Acetate Cloth	Rubber-TS	6.3	160	2.0	50	8.3	210	16	1.8	31	55	10	1.5		105		43	1080	White or Black
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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