











3M™ Vinyl Tape Performance Comparison Chart

	Thickness	Temperature Range	Adhesion to Steel (72°F)	Adhesion to Backing (72°F)	Adhesion to Steel (0°F)	Adhesion to Backing (0°F)	Elongation	Breaking Strength	Country of Manufacture	UL Listed	CSA Certified	Color
Professional Grade												
Scotch® Super 33+™ Best Seller 	7 mils	0°F to 221°F (-18°C to 105°C)	28 oz./in.	28 oz./in.	60 oz./in.	60 oz./in.	250%	15 lbs./in.	USA	UL 510	C22.2	Black
Scotch® Super 88 	8.5 mils	0°F to 221°F (-18°C to 105°C)	25 oz./in.	25 oz./in.	60 oz./in.	60 oz./in.	250%	20 lbs./in.	USA	UL 510	C22.2	Black
Scotch® 35 	7 mils	32°F to 221°F (0°C to 105°C)	20 oz./in.	20 oz./in.	N/A	N/A	225%	17 lbs./in.	USA	UL 510	C22.2	Blue, Brown, Gray, Green, Orange, Red, Violet, Yellow, White
Scotch® Tape 22 	10 mils	14°F to 176°F (-10°C to 80°C)	20 oz./in.	20 oz./in.	N/A	N/A	200%	20 lbs./in.	USA	UL 510	C22.2	Black
General Use												
Temflex™ Tape 1700 	7 mils	32°F to 176°F (0°C to 80°C)	24 oz./in.	22 oz./in.	N/A	N/A	200%	17 lbs./in.	Mexico	UL 510	C22.2	Black
Temflex™ Tape 1776 	7 mils	32°F to 176°F (0°C to 80°C)	24 oz./in.	22 oz./in.	N/A	N/A	200%	17 lbs./in.	USA	UL 510	C22.2	Black
Tartan™ Tape 1710 	7 mils	32°F to 176°F (0°C to 80°C)	18 oz./in.	18 oz./in.	N/A	N/A	150%	15 lbs./in.	Taiwan	UL 510	C22.2	Black
Economy												
3M™ Economy Tape 1400 	7 mils	Up to 176°F (Up to 80°C)	16 oz./in.	16 oz./in.	N/A	N/A	150%	14 lbs./in.	Taiwan	UL 510	N/A	Black
Corrosion Protection For Non-Electrical Applications												
Scotchrap™ Tape 50 	10 mils	32°F to 176°F (0°C to 80°C)	20 oz./in.	20 oz./in.	30 oz./in. ¹	30 oz./in. ¹	200%	20 lbs./in.	USA	N/A	N/A	Black
Scotchrap™ Tape 51 	20 mils	32°F to 176°F (0°C to 80°C)	20 oz./in.	20 oz./in.	30 oz./in. ¹	30 oz./in. ¹	150%	40 lbs./in.	USA	N/A	N/A	Black

Data results from tests performed at room temperature unless otherwise noted. Values listed are typical properties and should not be used for specification purposes.

¹Test results at -12°C

Country of manufacture to be used as an informational guide only, is subject to change at any time, and is not a valid legal representation of origin for government contract purposes. To obtain certifications, contact 3M Customer Service at 800 245 3573. If this literature is more than one year old, please contact Customer Service to request the latest revision of this brochure.
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