

**Rescue Tape® – General Specifications\* and Comparisons to other types of tapes**

	<b>Dielectric Strength</b>	Tensile Strength (PSI)	Approx. Breakage force (lbs)	Elongation (percentage stretch without breaking)	Operating Temperatures	Maximum Water Absorption	Adhesion Max distance unravel after 2 minutes with 1.33 lbs weight	UV and Ozone Resistance	Abrasion and Chafing resistance	Available Sizes/Configurations	Liner Color Material	Storage requirements	Notes
Rescue Tape	400 Volts per mil (e.g. 8000V @ 20 mils)	700 PSI	20 lbs 1" x 20 mil 30 lbs 1" x 30 mil	>300%	-130° F to 500° F continuous	0.5%	<0.5"	Excellent	Good	1" x 20 mil x 12' 2" x 30 mil x 36'	Clear Mylar	Store in supplied bag	Easy to use, fast fusing, high dielectric, excellent UV/Ozone resistance
Vinyl Tape (Electrical Tape)	Total under 600 Volts	Not rated	12-15 lbs	200-250%	0° F to 220°F	Poor	Poor	Poor	Good		None	Avoid High temperatures	Adhesive based, does not prevent water intrusion Not UV or oil resistant. Low temperature rating.
Ethylene Propylene Rubber (Scotch® 130C)	750 Volts per mil	250 PSI	Not rated	>700%	0° F to 194°F	Not rated	Not Rated	Good	Excellent		None	Avoid High temperatures	EPR tapes depend upon adhesive to seal. Affected by oils. Low temperature rating. Lower UV resistance than silicone. Difficult to remove. Becomes goeey at high temperatures.
3M® Scotch 70	875 Volts per mil	Not Rated	12 lbs 1" x 12 mil	<450%	To 356° continuous	Not Rated	Not Rated	Excellent	Poor	1" x 12 mil x 36"	Clear Mylar	Store at 70° F 40-50% RH Storage above 120° F result in loss of fusion in tape	Only one color, size, and thickness. Very sensitive to abrasion. Roughly twice the cost of Rescue Tape

\*Specifications sheet not prepared by manufacturer. Ratings believed to be but not guaranteed accurate.