

Scotch™ 88T All Weather Vinyl Plastic Telephone Tape



Specifically Designed to Meet the Telephone Industry Needs

Scotch™ Brand 88T is specifically designed, formulated and made to meet the needs of the telephone industry. In fact, it's the only tape that meets the industry's full requirements for a vinyl plastic tape for general insulating, wrapping and splicing applications. That means you can use a tape that's perfectly balanced in physical and electrical properties while it offers the ultimate in holding, protecting and insulating. Even its "feel" has been designed with the craftsman's job in mind.

- All-weather conformability and protection—easy to work with and great protection no matter what the weather.
- Total insulation compatibility—works with any insulation or combination as well as cable non-reenterable encapsulating compounds.
- Flame retardant—safe.
- Excellent abrasion and puncture resistance—88T was made to be worked with and to work after it's on the job.
- High tensile and mechanical strength—durability during and after application.
- Good elongation for conformability—performance for even the most irregular splices.
- Non-corrosive—use 88T anywhere.
- High dielectric strength.
- Great resistance to weathering, salt water, alkalies and acid.

It's the only tape you need...

You won't need to carry or store any other vinyl tape than Scotch Brand 88T Tape because you can use it inside or outside plant for every general wrapping, terminating, splicing and insulating in any weather application.

Availability

Scotch Brand 88T Tape is available in the following roll sizes:

¾ in. x 36 ft. (19 mm x 11 m)

¾ in. x 60 ft. (19 mm x 18 m)

1 in. x 36 ft. (25 mm x 11 m)

1½ in. x 44 ft. (38 mm x 13,5 m)

Typical Properties

Physical Properties

	Value	Test Method
Backing	Polyvinyl chloride (PVC)	
Color	Black	
Thickness (mils)	8.5	ASTM D-1000-71
Adhesion to steel (oz./in.) a. Room temp. b. 0°F	20 16	ASTM D-1000-71 ASTM D-1000-71
Adhesion to backing (oz./in.) a. Room temp. b. 0°F	20 16	ASTM D-1000-71 ASTM D-1000-71
Tensile Strength (lbs./in.) a. Room temp. b. 0°F	20 30	ASTM D-1000-71 ASTM D-1000-71
Accelerated Aging	110%	MIL-1-7798A
Elongation (% at break) a. Room temp. b. 0°F	250% 100%	3M 3M
Flammability	1 sec.	Underwriters' Laboratories, Inc.
Resistance to penetration at elevated temp.*	55°C	ASTM D-1000-71
Application temperature range:	From - 10°F to + 125°F	
Temperature range: (after application)	- 40°F to + 176°F	
Transfer of adhesive	None	

Electrical Properties

	Value	Test Method
Dielectric breakdown (volts/mil)	1100 VPM	ASTM D-1000-71
a. After standard conditioning b. After water immersion	1100 VPM 90% of standard condition	ASTM D-1000-71 ASTM D-1000-71
Direct method of electrolytic corrosion	1.0 ratio	3M
Insulation resistance	1 × 10 ⁶ megohms	ASTM D-1000-71

Chemical Properties

	Value
Resistance to water	Excellent
Resistance to acids	Excellent
Resistance to alkalis	Excellent
Resistance to aging	Excellent
Sunlight & weathering	Not affected
Corrosive effects on electrical conductors	None

*Also specified in MIL-1-7798A. (Values listed are typical and are not to be taken as minimum or maximum.)

Important Notice To Purchaser:

All statements, technical information and recommendations contained herein are based on tests we believe to be reliable, but the accuracy or completeness thereof is not guaranteed, and the following is made in lieu of all warranties, expressed or implied: Seller's and manufacturer's only obligation shall

be to replace such quantity of the product proved to be defective. Neither seller or manufacturer shall be liable for any injury, loss or damage, direct or consequential, arising out of the use of or the inability to use the product. Before using, user shall determine the suitability of the product for his

intended use, and user assumes all risk and liability whatsoever in connection therewith. No statement or recommendation not contained herein shall have any force or effect unless in an agreement signed by officers of seller and manufacturer.

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