



# 825 Electrical Tape

Premium Profession Grade Vinyl Tape , coated with a synthetic-rubber based adhesive, 105°C.

## FEATURES:

- Rubber adhesive
- PVC carrier

## BENEFITS:

- All-weather vinyl insulating tape
- Flame retardant
- UV resistant
- Excellent resistance to abrasion, moisture, Alkalis and acids
- Excellent low and high temperature performance  
High tensile and mechanical strengths in cold situation
- Extremely flexible, even in cold weather  
Inhibits corrosion of electrical conductors  
Compatible with all standard cable insulations



## STANDARD SIZES:

Length: 9m, 20m, 33m

Width: 19mm, 25mm

Core ID: 25.4mm, 38mm

## COLORS:

Black	White	Yellow
Red	Blue	Green
Gray	Violet	Brown

Other sizes and colors are available on request.

## 825

Properties	Value	Unit	Test Method
Total thickness	0.180±0.008	mm	ASTM D1000
Tensile strength	≥25	N/cm	ASTM D1000
Elongation at break	≥100	%	ASTM D1000
Adhesion strength			ASTM D1000
— to steel	≥1.75	N/cm	
— to backing	≥1.75	N/cm	
Flammability	B(self-extinguishing)	mm/min	ISO 3795
Dielectric Strength	≥39.37	kV/mm	ASTM D1000
Volume resistivity	≥10 <sup>12</sup>	Ω·in	ASTM D1000
Temperature class	80	°C	UL 510
	105	°C	CSA

Note: The listed values are required only and not intended to serve as product specifications

### RECOMMENDED USES:

It is specifically designed for used for wrapping electric wires and cables etc. wrapped wires with a half-lap is best, The last layer should be no tension to prevent flagging.

### STORAGE AND SHELF LIFE

The shelf life of the product is two years when stored at 20-30°C, max 65% relative humidity and out of direct sunlight, in original packaging.

All technical information and data mentioned are provided to the best of our knowledge on the basis of our lab tests believed to be reliable. They shall be considered as typical values and are not appropriate for a specification. Therefore, all statements, technical information and recommendations concerning products sold or samples provided by Avery Dennison Yongle do not constitute a guarantee or warranty. All products are sold with the understanding that the user has independently determined the suitability of such products for its application purposes.

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For more information on our tapes and adhesive solutions, visit [yongletape.averydennison.com](http://yongletape.averydennison.com)