



# Scotch® 710

## Vinyl Electrical Tape

### Data Sheet

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#### Product Description

Scotch 710 Electrical Tape is a good quality and medium purpose PVC insulating tape. It has excellent resistance to abrasion, moisture, alkalis, acid and varying weather conditions (including sunlight). It is a polyvinyl chloride (PVC) tape that has a high dielectric strength, is conformable and provides very good mechanical protection with minimum bulk. Scotch 710 is classified as IEC 60454-3-1-6/F-PVCP/90 and has VDE Marks License. Scotch 710 is available in black only.

#### Applications

Primary electrical insulation for all wire and cable joints and repairs. Harnessing of wire and cables. For indoor and outdoor applications at temperatures from -10°C to +90°C.

#### Typical Data/Physical Properties

##### Physical Properties

Test Method	Typical Value
Thickness*	0.17mm
Elongation*	200%
Tensile Strength*	24 N/10mm
Adhesion*	
To Steel	2.4 N/10mm
To Backing	2.3 N/10mm
Temperature Rating*	90°C
Resistance to Flame Propagation*	Self extinguishing
Dielectric Strength*	45 kV/mm
Electrolytic Corrosion*	A/B 1.4

\* IEC 60454-2

Note: These are typical values and should not be used for specification purposes.

#### Installation Technique

The tape shall be applied in half-lapped layers with sufficient tension to conform and produce a uniform covering. In most applications, this tension will reduce the tape's width to 5/8 of its original width. **Apply the tape with no tension on the last wrap to prevent flagging.**

#### Maintenance

Scotch 710 Electrical Tape is stable under normal storage conditions.

#### Availability

Scotch 710 Electrical Tape is available from your local authorised 3M distributor .

#### Important Notice

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