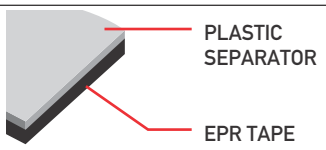
DATA SHEET

Member of CISQ Federation
CERTIFIED MANAGEMENT SYSTEM
ISO 9001

SELF-BONDING RUBBER TAPE FOR HIGH TENSION

TACSA self-bonding ethylene propylene rubber (EPR) tape is extremely resilient and durable. Its self-bonding feature enables the tape to be self-bonded, shortly after being under its own tension, so as to form a single block. By doing so, moisture penetration is prevented due to its high pressure towards the cable.

Specifications and Presentation

Feature	Unit	ASTM D-4388 Specified	Typical value
Dielectric stiffness	kV/mm	≥ 20	42
Tensile strength	Mpa	≥1,7	2,70
Stretching	%	≥500	1.100
Max. working temperature	°C	≤ 90	
Emergency temperature	°C	≤ 130	
Fusion	MEETS REQUIREMENTS		
Heat exposure	MEETS REQUIREMENTS		
Ozone resistance	MEETS REQUIREMENTS		
Dimensions (width x length x thickness)	mm x m x mm	19 x 2 x 0,76 19 x 4,57 x 0,76 19 x 9,14 x 0,76	
Color	Black		
Structure		PLASTIC SEPARATOR EPR TAPE	

Applications

- Insulations in conductors up to 69,000 V.
- To build baffle cones in terminals up to 35,000V.
- Maritime industry: Electrical and mechanical protection (salt water resistant)
- Insulation and protection against communication conductors exposed to open sky
- Since it is an EPR (Ethylene Propylene Rubber), it is resistant to UV radiation, corrosion, corona effect, ozone and chemicals.
- It is suitable for all conductor insulations (PVC, PE, cross-linked PE, butyl rubber, etc.)

Instructions for Use

The tape must be applied by stretching at least ¾ of its original width, in successive layers with 50 percent overlapping until the desired accumulation is achieved. Avoid bubbles and air entrapment. In critical areas, with irregularities and unevenness, the tape should elongate to almost the point of rupture, doing so will not alter its physical or electrical properties, this will allow a greater mold on the surface. In less critical areas, less elongation can be used.

Standards

Complies with ASTM D-4388

Warranty

TACSA warrants this product for one (1) year of storage in its original package. Do not store at temperatures above 30° C.