



REVERE

Insulating Electrical Tape

Technical Data Sheet

October 2017

Description and Features

REVERE is tape based on a vinyl film and is characterized by excellent performance and high durability. A balanced combination of high quality rubber based adhesive on a special PVC film.

REVERE is a 0,18 mm (7 mil) thickness PVC tape available in black and colors, it is very adaptable with a good level of adhesion. **REVERE** is flame retardant and useful for general insulation purposes and color coding.

- Meets EN 60454-3-1 and UL-510 standards.
- Meets 2000/53/EC and RoHS 2011/65/EU directives. **REVERE** tape does not contain lead, cadmium, mercury, chromium (VI), polybrominated biphenyls (PBB) or polybrominated diphenyl ethers (PBDE), butyl benzyl phthalate (BBP), di(2-ethylhexyl phthalate (DEHP), dibutyl phthalate (DBP) or diisobutyl phthalate (DIBP).

Materials

Backing	Adhesive	Colors	Standard Sizes Width x Length
PVC	Rubber based	Black, White, Grey, Red, Yellow, Brown, Green, Blue.	19mm x 20 m (0.75" x 66") 19mm x 18 m (0.75" x 60") Other sizes available upon request

Technical Properties

Characteristic	Specification	Typical Value	Test Method
Thickness (mm)	0,180±0,025	0,170	ASTM D 1000
Breaking strength (N/cm)	30 min	35	ASTM D 1000
Elongation at break (%)	170 min	220	ASTM D 1000
Adhesion to steel (N/cm)	1,8 min	2,2	ASTM D 1000
Adhesion to backing (N/cm)	1,8 min	2,2	ASTM D 1000
Flammability	Flame retardant	Flame retardant	EN 60454-2
Flagging	2,5 max	No flagging	ASTM D 1000
Temperature Rating			
Max (°C)	80	80	UL-510
	105	105	CSA-22.2 n° 197
Min (°C)	-10	-10	UL-510
	-10	-10	CSA-22.2 n° 197
Dielectric Strength (V)			
Standard	7500 min.	8500	ASTM D 1000
Wet	90%	7650	ASTM D 1000
Dielectric constant	--	3,2	ASTM D 150
Power factor	--	0,07	ASTM D 150
Insulation resistance (Mega Ohms)	--	1x10 ⁶	ASTM D 1000

Recommended Uses

Used for general splicing purposes. Can be used as primary insulation for splices up to 600 volts and provides a protective outer jacket for splices at higher voltages. Can be used for wrapping wire harnesses and insulating degaussing coils. Colors are useful for color coding electrical circuits.

Storage

In original packaging, placed in horizontal position under cover and temperature between 5°C and 35 °C, 50-80% R.H.

Shelf Life

60 months from date of manufacture.

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