



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
	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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