



# 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 <sup>6</sup>	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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