High Voltage Insulation Tape
Type **№ 60**

Pliable • self-amalgamating • EPR base

Application

- Insulation of the conductors of plastic cables up to 46 kV
- Repair and bonds between numerous insulating and sheathing materials, e.g. PE, XLPE, EPR, PVC, butyl, neoprene etc.
- For temporary insulation or protection

Features

- Excellent physical and electrical properties that guarantee long life
- Good dielectric properties
- Extremely ductile
- Weld quickly to a homogeneous mass without cavities
- Compatible with a wide range of substances
- Non tacky
- Easy to handle and apply
- Cleanly removable when cut



Colour Black

Ordering Details

Type	Thickness mm	Width mm	Length m
№ 60	0.50	19	10

Tensile strength	3.0 N/mm^2
Elongation at break	800 %
Water absorption	0.05 %
Electrolytic Corrosion	none
Flammability	~ polyethylene
Ozone resistance	passed
Dielectric strength	36 kV/mm
Dielectric constant (50 Hz)	2.8
Power factor (50 Hz)	0.006
Volume resistivity (20 °C)	10^{13} Ohm-m
Temperature range • short-time up to	40 – 100 °C 130 °C

Semi-conducting Tape
Type **№ 61**

Highly elastic • self-amalgamating • EPR base

Application
- Through-connection of the semi-conductor circuit of plastic MV cables
- Smoothing of electrical stresses on irregular surfaces

Features
- Good dielectric and physical properties that guarantee long life
- Weld quickly to a homogeneous mass without cavities
- Imprint "Caution – semi conducting layer" preserves from mistake

Colour Black

Ordering Details

Type	Thickness mm	Width mm	Length m
№ 61	0.75	19	9.1

Tensile strength	3.0 N/mm²
Elongation at break	900 %
Electrolytic Corrosion	none
Flammability	flammable
Ozone resistance	very good
Volume resistivity (20 °C)	10 Ohm-m
Temperature range	-40 – +130 °C

