Raytech 2.3

EPR Self-amalgamating low and high voltage tape

This ethylene-propylene (EPR) self-amalgamating tape is used for insulating and sealing high voltage electrical joints for voltages up to Um 72 kV. It amalgamates rapidly, adapting itself to the product underneath, forming a solid unit without air bubbles. It is particularly resistant to partial discharges (corona), with the characteristics remaining unchanged with time. Joints must be protected with a PVC tape or similar.

Product	Colour	Width	Thickness	Length
Raytech 2.3	●	19 mm	0,76 mm	9 m

Approvals
ASTM-D-4388
HH-I-553C/Grade A
MIL-I-3825 B

Property	Test method	Typical values
Breaking Strength (tensile)	ASTM-D-4325	2.8 MPa min
Elongation at break	ASTM-D-4325	800% min
Amalgamation ability	ASTM-D-4325	2,0 mm
Overload temperature	ASTM-D-4388	130°C
Operating temperature	ASTM-D-4388	90°C
Dielectric strength	ASTM-D-4325	35 kV/mm min
Relative dielectric constant	ASTM-D-4325	2.7
Volume resistivity	ASTM-D-4325	10^{15} Ω cm min
Resistance to ozone	ASTM-D-4325	Positive
Resistance to U.V.	ASTM-D-4325	Positive

Raytech 23 BT

Low voltage Self-amalgamating tape

This rubber self-amalgamating low voltage tape (0.6/1 kV)is used for insulating and sealing low voltage electrical joints. It amalgamates rapidly, adapting itself to the product underneath, forming a solid unit.The joints must be protected with a PVC tape. The characteristics remain unchanged with time.

Product	Colour	Width	Thickness	Length
Raytech 23 BT	●	19 mm	0,76 mm	6,7 m

Approvals
UL 510

Property	Test method	Typical values
Breaking Strength (tensile)	ASTM-D-4325	1.8 MPa min
Elongation at break	ASTM-D-4325	300 % min
Amalgamation ability	ASTM-D-4325	2,0 mm
Overload temperature	ASTM-D-4388	100°C
Operating temperature	ASTM-D-4388	90°C
Dielectric strength	ASTM-D-4325	20 kV/mm min