

CSAT-ZH

self-amalgamating halogen-free tape

Flexible black EPR (Etylene-Propylene-Rubber) based tape with excellent electrical, physical and chemical properties.

CSAT-ZH maintains a tight insulation build up for void free electrical stability and permanent resistance to moisture penetration.

Properties

- Self-amalgamating
- Halogenfree
- UV and ozone resistance
- Outstanding corona
- Suitable for jointing and repair of power and distribution cables up to 65 kV
- Easy to apply – no tools or heat required
- Excellent cold weather seal and corrosion protection
- Over 3:1 stretch ratio
- Operating temperature -55°C up to $+105^{\circ}\text{C}$
- Overload temperature $+120^{\circ}\text{C}$

Dimensions

Dimensions		Delivery Units	Order Quantity
Width in mm	Wall thickness in mm	Meter per Roll	Rolls
19	0,76	9	10
25	0,76	9	10
38	0,76	9	10
51	0,76	9	5

Colour: black

Customised delivery make-up on request

Storage: Minimum storage time 12 months at temperatures between +10° C and +30° C.

Technical Data

Physical Properties

	Test Method	Actual Values
Tensile Strength	ASTM D4325	2,5 MPa
Elongation at Break	DEF 59/97-3	750%
Heatshock	DEF 59/97-3	150° C
Toxicity Index	NES713	3

Electrical Properties

	Test Method	Actual Values
Dielectric Strength	ASTM D149	30 kV/mm
Volume Resistivity	ASTM D150	1x10 ¹⁵ Ohm/cm
Dielectric Constant	ASTM D150	2,7 (24h at 23° C)

Ordering example:
20 rolls CSAT-ZH 38mm
in 9m reels

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The above data are based on our knowledge and experience. Due to different materials and conditions of application which are beyond our knowledge and control we recommend strongly to carry out sufficient tests in order to ensure that our products are suitable for the intended process and applications. Except for wilful acts any liability based on such recommendations or any oral advice is hereby expressly excluded.