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MATRIX VTX TAPE
Vulcanising Tape

MATRIX VTX TAPE is a unique self-amalgamating welding sealing tape based on Polyisobutylene rubber.

MATRIX VTX TAPE is used for fast and effective insulation and isolation, as well as for temporary repair.

CHARACTERISTICS:

- Excellent physical and electric qualities with high degree of stability under use.
- The tape amalgamates rapidly when applied under tension to provide a void-free homogeneous wrapping, without the need for external heat or pressure.
- Compatible with a wide variety of rubber and plastic dielectric cable insulation such as polyethylene, ethylene-propylene-rubber, PVC, butyl and neoprene.
- Compatible with other ribbons for the electrical industry, such as PVC ribbons.
- Possesses an exceptional power of resistance when immersed over longer periods in water, and is ozone and UV-resistant.
- Residue-free removal from most surfaces and therefore suitable for temporary repairs.
- Easy handling and application.
- Allows trouble-free sealing of moist surfaces.

APPLICATIONS:

- For joining and repairing electrical and distributor cabling of all types up to 46 KV, (electrical installation industry, power stations).
- For water impermeable insulation on polyethylene sleeve connectors on telephone cable laid underground or overhead (telecommunication).
- For general protection water insulation.
- For isolation, water insulation and protection of electrical components.
- Corrosion protection of welds and connections.
- Corrosion protection of metal tubes and cables (industrial installations, building contractors, agriculture, municipal companies).
- For protecting joints against seawater. (marine environments).
- For insulating against water and protecting cables on satellite installations.
- As a breakdown-band for the temporary repair of water hoses, (motor vehicle businesses, breakdown-services).



TECHNICAL DATA:

Basis:	Polyisobutylene rubber (PIB)	
Appearance:	Black	
Packaging:	Individually shrink-wrapped rolls	
Measurement:	19 x 10m / 38mm x 10m	
Thickness:	0,5 mm	
Tensile Strength:	2 Mpa	BS 903
Maximum Tension:	approximately 600%	
Elongation at Break:	900%	BS 903
Contact Resistance:	1.5×10^{13} Ohm.m	ASTM D257
Dielectric Strength:	42 kV/mm	ASTM D149
Temperature Resistance	-40 to + 90°C.	

Application method:

MATRIX VTX TAPE must be held taut during the application, and wound tightly over the surface to be protected. An overlap of at least 50% should be allowed for. Direct contact between the bond and petroleum-type solvents and oils is to be avoided. Oils can damage the electric qualities of the bond.

Storage:

These products should be protected against dust, heat, moisture, direct sunlight and solvent vapours. Recommended storage temperature +10°C to +30°C. The shelf life is at least 5 years (under observance of the above mentioned storage indications).

General information:

That in this data-leaf enthaltene data serves merely to the piece of information and is given after best knowledge. The users must test the suitability of the product for her/its/their respective application independently however. Nohtec takes on no liability for results, that were achieved by other persons, over his handling we have no control. The users are responsible themselves to carry worry, for the observance of the corresponding precautions, that is necessary to the protection of objects and persons, that can appear conceivably with the application of the product. Subsequently, the company Nohtec leans everyone from the sale expressly or application of their products originating especially or silent, guarantee granted from, inklusiv of all guarantee-agreeing with or suitability-guarantees for a certain purpose. Nohtec refuses each liability for consequence-damages or indirect damages of each type furthermore, including escaped profits. Security-hints to this product are to be taken from the corresponding security-data-leaf.