



TECHNICAL DATA

STX TAPE

High Temperature Sealing Tape

STX TAPE is a unique, self-vulcanising sealant tape for fast and efficient repair, sealing and insulation.

FEATURES:

- Excellent physical and electrical properties insulate up to 8000 volts per layer.
- Immediately self-vulcanising and forms a bubble-free, airtight and waterproof insulation without heat or pressure application.
- High temperature resistance - up to 260°C.
- Has an extraordinary resilience by prolonged immersion in water and is resistant to acids, oils, fuels, solvents, UV rays and salt water.
- Easily removable without residue from most substrates and is therefore suitable for temporary protection and repair measures.
- Easy handling and application.
- Allows trouble-free sealing on damp surfaces.

APPLICATION EXAMPLES:

- Corrosion protection of metal pipes, ducts, joints and welds.
- Temporary repair of water and heating pipes.
- Closing thermal bridges in open areas.
- Insulation, sealing and repair of cables, pipes and hoses.
- Colour coding of wires, pipes, cables and ropes.
- Bundling of cables and electrical installations.
- Protective insulation of solar panels and satellite dishes.
- Covering spaces between joints on pipe insulation.
- Insulation and protection of tools, hand rails and device handles.
- Rope marking and protection against unravelling on textile forestry and boat ropes.
- Emergency repair of engine hoses and exhaust pipes.
- Temporary repair of air leaks and radiator hoses.
- Sports and leisure activities such as emergency repairs when cycling, camping and sailing, protection of bicycle and racquet handles, underwater repairs, aquarium hoses and pumps.

INSTRUCTIONS FOR USE:

Clean the surface to be treated and cut off the required length of STX TAPE. Remove the clear film, heavily stretch the tape and wrap tightly over the surface to be repaired (or protected). Start with one complete revolution and further wrap with an overlap of at least 50%. The end of the tape should completely overlap with the last wrap. For leaks that are under pressure or for applications under water, the tape should be stretched to a maximum (minimum of 300%). The firmer the STX tape is wrapped, the faster and stronger it vulcanises.



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Basis:	Methyl-Vinyl-Silicone-Rubber	
Appearance:	Transparent, diverse colours & *Black	
Size:	25.4mm x 9m (stretched length)	
Packaging:	Roll	
Thickness:	0.5 mm	
Shore Strength A (room temp, 24 hrs)	55 ± 5	ASTM D2240
Tensile Strength:	8 Mpa	
Maximum Elongation:	500%	
Pressure Resistance:	8 bar (maximum)	
Adhesive Strength:	6,3N/cm	
Dielectric Strength:	35KV/0,5mm	
Breakdown Voltage:	9,5KV/0,5mm	
Temperature Resistance:	-45°C to + 200°C (intermittent -65 °C to +260°C).	

PROPERTIES:

Humidity Resistance:	excellent	Electrical Insulation:	excellent
Resilience:	excellent	Temperature Resistance:	excellent
UV Resistance:	excellent	Ozone Resistance:	excellent
Corrosion Resistance:	excellent	Solvent Resistance:	very good
Flame Resistance:	very good	Abrasion Resistance:	very good
Tear Resistance:	very good	Acid Resistance:	good
Hydrocarbon Resistance:	good	Oil Resistance:	good

Important note:

The product is not suitable for the repair of gas, fuel and brake lines, etc.

Storage:

These products are to be protected against dust, heat, humidity, direct sunlight and solvent vapours.

Recommended storage temperature +10°C to +30°C.

The shelf life is at least 5 years (in accordance with the above-mentioned storage conditions).

General information: The information contained herein serves merely as an indication and is given to the best of knowledge. The users must test the suitability of the product for her/its/their respective application independently however. All products purchased from or supplied by Nohtec are subject to terms and conditions set out in the contract. Nohtec warrants only that its product will meet those specifications designated as such herein or in other publications. All other information supplied by Nohtec is considered accurate but are furnished upon the express condition the customer shall make its own assessment to determine the product's suitability for a particular purpose. Nohtec makes no other warranty, either express or implied, including those regarding such other information, the data upon which the same is based, or the results to be obtained from the use thereof; that any product shall be merchantable or fit for any particular purpose; or that the use of such other information or product will infringe any patent.