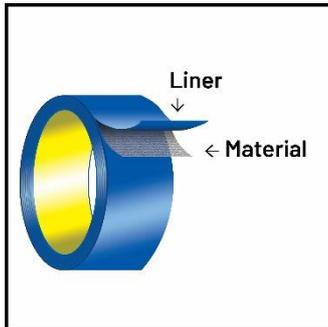


POLYTEX 550

INDUSTRIAL TAPES



PRODUCT DESCRIPTION

Backing:

- Silicone rubber.

Adhesive:

- Clear PET film.

Colour:

- Black.

POLYTEX 550

Self-amalgamating silicone tape for insulation and repair. Originally developed for military purposes, has been testing in extreme conditions and environments (-60 ÷ 260°C).

APPLICATION:

- For sealing, repairing and protection of water installations, hoses and electrical wiring, connections of telephone cables and connectors, pipes, connectors overhead channels, etc.
- Perfect for repairing insulation and joining equipment cables operating in water environment, pumps water etc.
- Stops water under pressure.
- It is also used for playback silicone insulation of power cables and wires and automotive.
- In the automotive industry (e.g. leaking radiator hose etc.).

FEATURES & ADVANTAGES

- Self-amalgamating and sealing - stops leaking liquid or air in a few seconds.
- High tensile strength.
- Excellent flexibility and extreme temperatures.
- Insulates cables in hard to reach places.
- It has very good electrical insulating properties.
- Resistant to:
 - ageing,
 - acids, fuels, oils and solvents,
 - moisture,
 - sea water and UV radiation,
 - pressures and stresses.
- Strength 8 bar (5 layers with 50% overlap).
- Universal and easy to use.
- No special, additional surface preparation required.

USAGE

- Apply to the dry, clean and degreased surface, free from other contaminants.
- Optimal application temperature: 10 ÷ 40°C.
- Wrap the tape with 50% overlap and minimum 100% of lengthening tension.

STORAGE

- To ensure the maximum product performance, store products in a dry, ventilated area in original packaging away from direct sunlight.
- Protect the products in original packaging against mechanical damage.
- The recommended storage temperature: up to 25°C.

TECHNICAL DATA

Parameters	Unit	Value
Total thickness	mm	0,5
Backing thickness	mm	0.08
Temperature range	°C	-60 ÷ 260
Max working pressure (multi-layer application required)	bar	10 ÷ 12
Dielectric strenght	kV	8
Elongation	%	300
Tensile strenght	PSI	700

Product meets the applicable restrictions of RoHS Directive and Reach regulations.

Product meets the standard of building / fire protection standard (UL 723 10/20 for flame / smoke propagation)



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