



PVC Outer Wrap T500



Product Description

PVC Outer Wrap T500 is a UV-resistant, flexible polyvinyl chloride tape, coated with a modified pressure sensitive rubber resin adhesive. The tape is used as an Outer Wrap for the mechanical protection of corrosion preventing coating systems against soil stress, back fill procedures and other forms of mechanical impact. It is well suited for above ground, underground and submerged applications. The heavy-duty adhesive layer provides good adhesion to the other surfaces as well as to its own backing. The Outer Wrap has good resistance to impacts, indentations and abrasion, and is also resistant to chemicals like alkalis and acids. It is wrapped with a 50% overlap by hand or by means of a tape wrap machine.

Features/Benefits

- Cold application, no open fire.
- UV resistant.
- Flexible, good conformability.
- Excellent impact resistance.
- Application by hand or machine.
- Standard thickness 0,50 mm (also available in 0.18mm, 0.25 mm, 0.38mm, 1.15mm).



Product Properties

Physical Properties	Test Method	Value
Backing color	ISO 9001	Black, White, Yellow, others
Thickness	ISO 4593	0.5mm±0.055mm
Tensile strength	ASTM D 1000	58 N/cm
Elongation	ASTM D 1000	400%
Peel adhesion to wrapping band	ASTM D 1000	4N/cm
Peel adhesion layer to layer	ASTM D 1000	7.5N/cm
UV resistance	ASTM D 4587	Excellent
Thermal aging resistance	ASTM D 4587	Excellent
Flame retardant properties	ASTM D 1000	Self extinguishing
Dielectric Strength	ASTM D 149	15 KV
Water Absorptivity	ASTM D 570	0.03%
Application Temperature	ISO 9001	-30°C to +80 °C
Max Service Temperature	ISO 9001	+85 °C