

STOPAQ® OUTERWRAP PE

Product Information

Generic type: Extremely flexible polyethylene mechanical protection tape, coated with a modified, pressure sensitive rubber resin adhesive.

Product Description: STOPAQ® Outer Wrap PE is used for mechanical protection of corrosion protective systems, such as the STOPAQ® Wrappingband CZ(H). The Outer Wrap PE has high puncture and aging resistance. Is well suited for under ground and submerged applications. The heavy-duty adhesive layer provides high adhesion strength to the outer surface of the STOPAQ® Wrappingband CZ or CZH as well as it's own backing. The Outer Wrap has a very good resistance to impacts and abrasion.

Features:

- Manually very easy to apply
- Cold applied
- Good conformability
- Good adhesion to STOPAQ® Wrappingband as well as to its own backing
- Excellent impact resistance,
- Temperature range up to +70°C

Benefits:

- Extremely well suited for hand application
- Easy to stretch and to apply for protection of STOPAQ® corrosion protected irregular shapes, such as valves, flanges, bends and tee's
- Resists impacts and indentations which may occur during installation and backfilling
- Very high resistance to ageing - even when exposed to max or min temperature for longer periods of time

Mechanical Protection:

Piping & Vessels: STOPAQ® corrosion protected carbon steel pipelines (underground, immersed), structures and reservoirs.

Field Joints: STOPAQ® corrosion protected field-weld joints of pipelines, on-shore.

Product Properties_STOPAQ® Outer Wrap PE

Colour	Black (matt finish)
Thickness	Total: 0,5mm ± 0,055mm (ISO 9001) (Backing: 0,45mm ± 0,045mm)
Temperature Range	Application temperature : +10°C - +70°C Service temperature : -20°C - +60°C Temp. Outerwrap PE: 5°C +60°C
Adhesive strength	0,5N/mm (at 23°C) On STOPAQ® Wrappingband and on itself
Operation temp.	+70°C
Short term max.	+85°C
Tensile strength	> 10kg/25mm
Elongation	> 400%

Product Properties_STOPAQ® Outer Wrap PE on STOPAQ® Wrappingband CZH or CZ

Total Thickness	2,8mm - 3,2mm (ISO 9001)
Impact resistance	Tested at 20 J (EN 12068) at -45°C: no holidays (< 5 min.) at +23°C: no holidays (< 5 min.) at +70°C: no holidays (< 120 min.)
Indentation resistance	10N/mm2 (EN 12068) at 23°C, no holidays (< 5 min.) at 70°C, no holidays (<120 min.)

General Order Information

Product	STOPAQ® Outer Wrap PE is available in rolls Wide: (core ID 1 1/2"), 75, 100, and 150mm (core ID 3"), in 30meter length.
Packaging	Coiled on cardboard cores. Packed in cardboard boxes.
Handling	Handle with care, keep the box always upright.
Storage	Indoor, dry and clean. Storage temperature not above 40°C for a long shelf-life.

Application instruction_Preparation

Application equipment Scissors, knife, and measuring tape.

High humidity STOPAQ® Outer Wrap PE can be applied in a humid atmosphere that does not reach the dew point.

Work area and substrate The work area and application surface should be dry and clean and protected against negative weather influences.

Tape conditions STOPAQ® Outer Wrap PE should be dry and have a temperature of (min. +10°C) for the ease of handling and shaping.

Application instruction_Short cut

Wrapping The STOPAQ® Outer Wrap PE must be applied without TENSION.

Start the wrapping 3mm with one full circumferential wrap. Leave 3 mm of STOPAQ® CZH visible. Then follow with spiral wrapping with minimum 50% overlap. Avoid air-enclosures.

End-overlap, Outer Wrap on Outer Wrap: minimum 300mm.

Finish the wrapping 3mm inside the Stopaq Wrappingband with two straight, TENSIONLESS circumferential wrappings. Cut the tape end in a 45° angle at the downwards side with the longest tip pointing in the direction of the wrapped part.

Application instruction_Quality Check

Visual inspection The applied Outer Wrap must look smooth and tight and should be shaped around all details and into corners.

Bringing into service

Bringing into service Backfilling is possible immediately after completion of the coating application. The STOPAQ® coated, Outer Wrap protected areas should not be exposed to loads from supports and lifting equipment

Backfilling Backfill with clean sand without sharp stones or hard lumps of soil.

STOPAQ® Information

Documentation Extensive information is available on our website. Detailed application instructions, "STOPAQ® Technical Standard" can be acquired from our head office and/or local distributor; info@stopaq.com

Certified staff The application of STOPAQ® coating systems should always be carried out by certified personnel



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