

STOPAQ® OUTERWRAP PE

Product Information

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

Product Description: STOPAQ® Outerwrap PE is used for mechanical protection of corrosion protective systems, such as the STOPAQ® Wrappingband CZ(H). The STOPAQ® Outerwrap PE has high puncture and ageing 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 CZH as well as it's own backing. The STOPAQ® Outerwrap PE 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 +90°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® Outerwrap PE

Colour	Black (matt finish)
Thickness	Total: 0,5mm
Temperature Range	Application temperature : -35°C - +70°C Service temperature : -35°C - +90°C
Adhesive strength	0,5N/mm (at +23°C) On STOPAQ® Wrappingband and on itself
Operation temp.	+90°C (combined with CZHT for temperatures above + 70°C)
Tensile strength	>70N/10mm
Elongation	>400%

Product Properties_STOPAQ® Outerwrap PE on STOPAQ® Wrappingband CZH

Total Thickness	2,8mm - 3,2mm (ISO 9001)
Impact resistance	Tested at 20 J (EN 12068) at -45°C : no holidays (< 90 days) at +23°C: no holidays (< 24 hours) at +70°C: no holidays (< 5 min.)
Indentation resistance	10N/mm ² (EN 12068) at +23°C, no holidays (< 24 hours) at +70°C, no holidays (< 5 min.)

General Order Information

Product	STOPAQ® Outerwrap PE is available in rolls Wide: (core ID 1 1/2 "), 75, 100, and 150mm (core ID 3"), in 30 meter 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		Bringing into service	
Application equipment	Scissors, knife, and measuring tape.	Bringing into service	Backfilling is possible immediately after completion of the coating application. The areas protected with STOPAQ® Outerwrap should not be exposed to loads from supports and lifting equipment.
High humidity	STOPAQ® Outerwrap PE can be applied in a humid atmosphere that does not reach the dew point.	Backfilling	Backfill with clean sand without sharp stones or hard lumps of soil.
Work area and substrate	The work area and application surface should be dry and clean and protected against negative weather influences.		
Tape conditions	STOPAQ® Outerwrap 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® Outerwrap PE must be applied with tension. Start the wrapping with one full circumferential wrap, leaving 3 mm of STOPAQ® Wrappingband visible. Then follow with spiral wrapping with minimum 50% overlap. Avoid air-enclosures.		
Application instruction_Quality Check		STOPAQ® Information	
Visual inspection	The applied Outerwrap must look smooth and tight and should be shaped around all details and into corners.	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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