

# STOPAQ® OUTERWRAP PU

## Product Information

**Product description:** Stopaq® Outerwrap PU is an outer wrap tape providing mechanical protection to corrosion preventing coating systems comprising e.g. Stopaq® Wrappingband. It is especially designed for application on above-ground pipes and fittings. It is made of a very flexible UV-resistant exterior-grade aliphatic polyurethane backing and an acrylic adhesive, provided with a release liner for proper unwinding of the roll.

### Features:

- Cold applied tape
- Suited for above ground applications and high service temperatures
- Highly elastic but very tough backing
- UV- and abrasion resistant
- High conformability
- Good adhesion to backing of Stopaq® Wrappingband as well as to its own backing.

### Benefits:

- Fast and easy to apply
- Very suitable for manual application
- Easy to stretch and to apply
- Resists impacts and indentations which may occur during installation

## Application examples

**Pipes and Vessels:** Provides mechanical protection of Stopaq® corrosion preventing coating systems applied on pipeline structures and reservoirs.

**Pipe fittings:** Provides mechanical protection of Stopaq® corrosion preventing coating systems applied on pipe fittings like elbows, bends, and the like.

## Product properties of Stopaq® Outerwrap PU

<b>Colour</b>	Colourless, transparent	
<b>Thickness</b>	Backing:	0.31 mm
	Total:	0.37 mm
<b>Temperatures</b>	Application:	+10 to +49°C
	Service:	-10 to +135°C
<b>Tensile strength</b>	≥ 14 N/mm (ASTM D-3759)	
<b>Elongation</b>	≥ 500%	

## General order information

<b>Product</b>	Stopaq® Outerwrap PU is available in rolls with following dimensions: <b>Art. Nr.:</b> 1282-03292 <b>Product dimensions and contents:</b> 4 in. x 108 ft. (101mm x 32.9m) Please contact Stopaq B.V. for other dimensions.
<b>Handling</b>	Handle with care. Keep boxes upright.
<b>Storage</b>	Store clean and dry. Recommended conditions: – Rel. Humidity: 40% to 60% – Temperature: +15°C to +26°C. Standard shelf life: 12 months from shipment date..

## Application instruction - Brief version

<b>General</b>	See specific application instructions available at Stopaq B.V. for wrapping of pipes, fittings, etc.
<b>Example – Pipe wrapping</b>	Horizontal pipelines should be wrapped circumferentially from left-to-right or from right-to-left. Pipelines positioned with an angle deviating from horizontal should be wrapped from bottom to top (e.g. risers).  In general Stopaq® Outerwrap PU should be applied with tension by gently pulling the roll of material, unless stated otherwise in specific application instructions.  Start wrapping Outerwrap PU with two full circumferential wraps perpendicular to the pipe, leaving 3 mm of the previously applied Stopaq® Wrappingband visible at the boundary.  After the first circumferential wrap, consecutive wraps should have an overlap of ≥ 50%, which can be obtained by spiral application of Outerwrap PU.  Be careful not to create any air enclosures. Avoid tenting and bridging. Continue spiral wrapping until reaching the boundary of the area to be coated, leaving 3 mm of the previously applied Stopaq® Wrappingband visible at the boundary. When more than one roll of Outerwrap PU is needed to continue wrapping, an overlap on the end of the previously applied Outerwrap PU should be created of at least 100 mm.  End wrapping with two full circumferential wraps perpendicular to the pipe. End with a quarter circumferential wrap of Outerwrap PU without tension. In case of wrapping on horizontal pipes, the tape end should face downwards ending at 3 o'clock position. Cut off in a tie-form. The applied Outerwrap PU must look smooth and tight and should be shaped around all details and into corners.

## Handling and commissioning

<b>Exposure to loads</b>	Objects coated with Stopaq® coating systems should not be exposed to excessive loads e.g. from supports- or lifting equipment.
<b>Immersion or burying</b>	Pipes and fittings coated with a Stopaq® coating system comprising Outerwrap PU can be buried or submerged. Immersion or burying is possible immediately after completion of the coating application. Consult data sheets for specific instructions of additional materials used. Backfill and compact with clean sand and filling material without sharp stones or hard lumps of soil.

## Information

<b>Documentation</b>	Extensive information is available on our web-site. Application instructions and other documentation can be obtained by contacting our head office, from our local distributor or by sending email to <a href="mailto:info@stopaq.com">info@stopaq.com</a>
<b>Certified staff</b>	Application of the described coating system should be carried out by certified personnel.