PSI STOPAQ® CORROSION PROTECTION
FN 4100/4200/CZ TAPE

SOFT, PASTE-LIKE COMPOUND WHICH DOES NOT HARDEN AND IS EASY TO REMOVE

WATER AND OXYGEN-TIGHT, ECO-FRIENDLY AND NON-TOXIC

EASY TO INSTALL BY MEANS OF A SPRAY GUN COLD PROCESSED

WWW.PSI-PRODUCTS.COM
SYSTEM STOPAQ® FN 4100/4200

FN 4100 for underground applications as filler material and corrosion protection compound, FN 4200 for above ground applications between flange joints.

Advantages
- STOPAQ® is a soft, paste-like compound which does not go hard and is therefore still easy to remove years later - particularly important for flanges
- STOPAQ® is water and oxygen-tight, environmentally friendly and not toxic
- STOPAQ® is easy to install with a spray gun and is processed cold which makes it particularly suitable for complex molded shapes. It is also available as anti-corrosion tape for wrapping available in 50 mm and 100 mm width with PVC cover film

Properties
- Sticks to virtually all steel, zinc, aluminium and plastic surfaces
- High electr. resistance: >10⁸ Ohm/cm
- No surface sand blasting or priming necessary
- FN 4100 can be used at continuous operating temperatures between -20 °C and +35 °C, FN 4200 between -30 °C and +60 °C
- STOPAQ® meets the corrosion protection requirements e.g. for tank farms according to KIWA BRL U 911/01 (certificate upon request)

How to use:
- STOPAQ® FN 4100/FN 4200 can be processed without sand blasting and priming the surface. It is sufficient to clean slightly and remove any rough dirt.
- FN 4100 is supplied in a 2 kg PE bag and can easily be kneaded and shaped by hand. FN 4200 is supplied in easy-to-use 0.53 kg cartridges. As STOPAQ® does not harden, the cartridge and nozzle can be reused several times. At outside temperatures < 10 °C we recommend preheating the cartridge to increase the viscosity.

Delivery sets

<table>
<thead>
<tr>
<th>STOPAQ® FN 4100 2 kg bag</th>
</tr>
</thead>
<tbody>
<tr>
<td>STOPAQ® FN 4200 0.53 kg cartridge</td>
</tr>
<tr>
<td>STOPAQ® FN 4200 2 kg bag</td>
</tr>
<tr>
<td>Manual spray gun for 0.53 kg cartridge</td>
</tr>
<tr>
<td>Compressed air gun for 2 kg bag</td>
</tr>
<tr>
<td>PSI STOPAQ® CZ tape, width 50 mm / length 10 m</td>
</tr>
<tr>
<td>PSI STOPAQ® CZ tape, width 100 mm / length 10 m</td>
</tr>
</tbody>
</table>

More content can be found on www.psi-products.com
SYSTEM STOPAQ® FN 4200

STOPAQ® FN 4200 is a perfect product to prevent corrosion between above ground flange faces. To protect the seal, flange faces and bolts, the space between the flanges is filled with STOPAQ® FN 4200. Dirt, air and moisture cannot get between the flange faces anymore thus preventing corrosion. With insulation flanges, STOPAQ® FN 4200 prevents the cathodic current jumping across, for example if there is moist or residual dirt between the flanges.

Applications for STOPAQ® FN 4200 to protect above ground flanges

- Water and power stations
- (Petro)chemical industry
- Tank farms
- Gas compressor stations

STOPAQ® FN 4200 properties

- Quick and easy to use
- Excellent adhesion on steel and many other surfaces without having to use any special primer
- Permanently plastic (flexible)
- No drying or reaction time
- No toxic components
- Environmentally compatible
- Long service life depending on type of storage and state of packaging
- Manufactured in accordance with NEN-EN-ISO 9001
- Certified according to KIWA BRL-K911

The STOPAQ® FN 4200 system

For use above ground in combination with STOPAQ® wrapping tape CZ and surface layer as mechanical protection or as surface layer with UV protection.

More content can be found on www.psi-products.com
STOPAQ® CZ TAPE

PSI STOPAQ® CZ tape, anti-corrosion tape for parts with complicated shapes

This tape made of a modified polymer was specially developed to provide effective corrosion protection for steel pipeline components with complicated shapes, such as T-joints, ball and gate valves.

PSI STOPAQ® CZ tape is processed cold, only the pipe preparation is subject to DVGW data sheet GW 15. High flexibility, especially at edges and corners, easy stretching, resistant to acids and alkalis, molds and micro-organisms, these are all benefits of the tape.

No primer is required. The tape is self-sealing and presses firmly against the pipe due to its high restoring force of the PE film, which also serves as a vapor barrier. Fill large transition areas, grooves and cavities with STOPAQ® FN 4100. It can be applied with only 10 mm overlap.

To finish it off, STOPAQ® CZ tape is wrapped over the top to provide mechanical protection with a top coat for underground applications and additional UV protection for above ground applications.

**Technical Data**

- **Application temperature:** optimal from 0 °C to 50 °C
- **Dielectric strength:** approx. 20 KV/mm
- **For continuous operating temperature:** from -30 °C to 50 °C
- **Total single-layer thickness:** approx. 2.0 mm
- **Weight:** approx. 3.0 kg/m²
- **Color:** green
- **Certificate:** EN 12068 / DIN 30672 A30

**CZ Tape structure**

- Plastic retainer film
- Corrosion protection compound
- Plastic net inlay
- Corrosion protection compound

**Type** | **Width in mm** | **Roll-length** | **Packaging unit**
---|---|---|---
PSI STOPAQ® CZ tape 50 | 50 | 10 m | 12 pieces
PSI STOPAQ® CZ tape 100 | 100 | 10 m | 6 pieces
PSI STOPAQ® FN 4100 filler | 2 kg / bag | | 9 bags

More content can be found on www.psi-products.com
PRODUCT DESCRIPTION

Anti-corrosion tape PSI-Flex for irregularly shaped parts

This tape was specially developed to provide effective corrosion protection for irregularly shaped steel pipeline components, such as T-joints and weld-on T-joints.

Anti-corrosion tape PSI-Flex is processed cold, only the pipe preparation is subject to the DVGW data sheet GW 15. High flexibility, especially at the edges and corners, easy to stretch, resistant against acids and alkalis, mold and micro-organisms.

No primer is required. The tape is self-welding and presses firmly against the pipe due to the high restoring force of the PE layer, which also serves as a vapor barrier. It should be applied with 50% overlap.

<table>
<thead>
<tr>
<th>Type</th>
<th>Width in mm</th>
<th>Roll-length</th>
<th>Packaging unit</th>
</tr>
</thead>
<tbody>
<tr>
<td>Anti-corrosion tape PSI-Flex 50-5</td>
<td>50</td>
<td>5 metres</td>
<td>24 Piece</td>
</tr>
<tr>
<td>Anti-corrosion tape PSI-Flex 100-5</td>
<td>100</td>
<td>5 metres</td>
<td>12 Piece</td>
</tr>
</tbody>
</table>

Technical Data

<table>
<thead>
<tr>
<th>Inner layer</th>
<th>Butyl rubber</th>
</tr>
</thead>
<tbody>
<tr>
<td>Outer layer</td>
<td>Polyethylene approx. 80 μ</td>
</tr>
<tr>
<td>Application temperature</td>
<td>optimally from +5 °C up to +40 °C</td>
</tr>
<tr>
<td>Electrical resistance</td>
<td>15 kV/mm</td>
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<tr>
<td>For continuous operation temperature</td>
<td>from -30 °C to +80 °C</td>
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<tr>
<td>Elongation at break</td>
<td>&gt; 300%</td>
</tr>
<tr>
<td>Layer thickness in total</td>
<td>approx. 1.5 mm</td>
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<tr>
<td>Color</td>
<td>aluminium grey</td>
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