

## Technical Data Sheet

### Fradiflex® special sealing tape



Double-sided special sealing tape for permanent sealing of joints and butts at metal connections

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#### Product

<b>Description</b>	<b>Fradiflex® special sealing tape</b> consists of a butyl rubber sealing adhesive and a PP fabric.
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<b>Uses</b>	<b>Fradiflex® special sealing tape</b> is used for permanent sealing of joints and butts in metal connections, and as a repair tape for Fradiflex®.
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<b>Characteristics / advantages</b>	<ul style="list-style-type: none"> <li>▪ permanently water resistant</li> <li>▪ very high ageing resistance</li> <li>▪ easy handling</li> <li>▪ processing at +5°C to +40°C (at lower temperatures also applicable after preheating)</li> <li>▪ joints waterproof-sealed up to 20 m water column (2 bar water pressure)</li> </ul>
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#### Product Data

<b>Appearance</b>	Butyl rubber sealing adhesive - PP fabric - Butyl rubber sealing adhesive - Silicone paper, double-sided adhesive
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<b>Packaging</b>	Roll length: 15 m
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<b>Storage</b>	<p><b>Fradiflex® special sealing tape</b> store dry and protected from sunlight at +5°C to +25°C.</p> <p>Minimum durability: 12 months</p>
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## Material Properties

Width: 50 mm and 100 mm

Thickness: 1,0 mm

Tensile strength (DIN EN 14410):  $\geq 70$  N / 25 mm

Adhesive strength: 20 N / 25 mm

Elongation at break (DIN EN 14410): 15 %

Peel strength (IPM 5009):  $\geq 20$  N / 25 mm

Temperature resistance: -30°C up to +80 °C  
(as the temperature rises, the adhesive sealant becomes softer and stickier).

Fire behaviour class E according to DIN EN 13 501-1, Building material class B2 according to DIN 4102, Part 1, Section 7

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## Processing

Substrates must be dry and free from separating agents, e.g. dirt, dust, grease and oil.

Precoat porous substrates with a bonding agent.

Glue without tension and press down carefully.

Pressing down more strongly increases adhesion.

Check in advance for compatibility with rubber and plastics regarding plasticiser migration.

Not suitable for bonding under mechanical stress.

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## Disclaimer / Notes:

All technical data stated in this TDS are based on laboratory tests. Actual measured data may vary due to circumstances beyond our control.

Recommendations with regard to product application given in the present technical data sheet for practical assistance of product users are based on our experience and our present scientific and practical body of knowledge. These recommendations, however, are given without engagement and do not establish a contractual relationship or subsidiary duties. These recommendations do not relieve users of their liability and of their own responsibility to test, whether our product is adequate for the intended purpose of application. Please refer to the latest edition of this Technical Data Sheet on our web presence [www.maxfrank.com](http://www.maxfrank.com)