



Pipeline Accessories

GRP Pipecoat Plus
Casing Spacers 4 pipes



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GRP Pipecoat Plus Casing Spacer 4 pipes

For annular spaces that are too small for the skid heights or usage of standard plastic casing spacers, or in case of an extreme rough and abrasive inner surface of the casing pipe, a casing spacer wrapped on the pipe using Pipecoat Plus tape material is the ideal, safe and easy solution.

A factory pre-impregnated, water-curing tape with a thickness of approx. 0.7 mm per layer can be wrapped on the carrier pipe and easily cured with water.

An "anti-slide" tape made of self-amalgamating, PE-reinforced butyl prevents sliding of the GRP ring during insertion and can be used to further increase the height of the GRP ring. After application of the PE/butyl-tape and the GRP tape on top, the system is overwrapped with a clear foil tightly and centred to press the system on the pipe and smoothen the edges. Available widths are 100 and 150 mm as standard.

| Consumption table* | | | | | |
|--------------------------|------|------|------|------|------|
| Skid height approx. [mm] | 6 | 8 | 10 | 12 | 14 |
| OD Pipe | | | | | |
| 25 | 0.44 | 0.44 | 0.44 | 0.44 | 0.44 |
| | 0.34 | 0.55 | 0.95 | 1.3 | 1.7 |
| 32 | 0.55 | 0.55 | 0.55 | 0.55 | 0.55 |
| | 0.43 | 0.75 | 1.1 | 1.6 | 2 |
| 40 | 0.68 | 0.68 | 0.68 | 0.68 | 0.68 |
| | 0.53 | 0.95 | 1.4 | 1.9 | 2.5 |
| 50 | 0.83 | 0.83 | 0.83 | 0.83 | 0.83 |
| | 0.66 | 1.1 | 1.7 | 2.3 | 3 |
| 63 | 1 | 1 | 1 | 1 | 1 |
| | 0.82 | 1.4 | 2.1 | 2.8 | 3.6 |
| 75 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 |
| | 0.97 | 1.7 | 2.5 | 3.3 | 4.2 |
| 90 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 |
| | 1.16 | 2 | 3 | 3.9 | 5 |
| 100 | 1.6 | 1.6 | 1.6 | 1.6 | 1.6 |
| | 1.3 | 2.2 | 3.3 | 4.4 | 5.5 |
| 110 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 |
| | 1.4 | 2.5 | 3.6 | 4.8 | 6 |

| Technical Data (typical numbers) | | |
|------------------------------------|----------------|-------------------------------|
| Thickness | - | approx. 0,7 mm |
| Compressive strength | DIN EN ISO 604 | approx. 175 N/mm ² |
| Color | - | black |
| Impact strength | DIN EN ISO 179 | approx. 108 N/mm ² |
| Impact toughness | DIN EN ISO 179 | approx. 30 KJ/m ² |
| Max. shortterm service temperature | - | max. 150°C |
| Hardeness Shore D | DIN 53505 | approx. 70° |

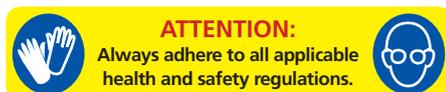
approx.required length anti sliding tape (5 layers) per skid [m]

approx.required length Pipecoat Plus per skid [m]

*For other dimensions please contact 4 pipes



Shore D measuring tool



| Description | Art.-No. |
|---|----------|
| Roll anti sliding tape 50 mm x 15 Meter | 17080 |
| Roll anti sliding tape 100 mm x 15 Meter | 17081 |
| Roll Pipecoat Plus 100 mm x 10 Meter | 16711 |
| Roll Pipecoat Plus 150 mm x 10 Meter | 16712 |
| Adhesive tape transparent 50 mm x 66 m | 16760 |
| Stretch foil 0.5m x 300m, 20 µm thick | 16765 |
| Shore D measuring tool with drag indicator for hardness test of Pipecoat Plus | 20304 |

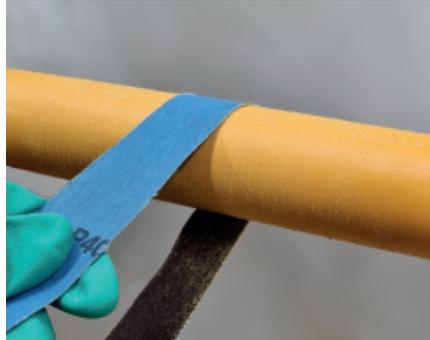
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Application manual

The system comes with gloves and adhesive tape. **Safety glasses should be worn during processing.**
Skin contact has to be avoided.



1. Clean pipe surface, dry, degrease



2. Roughen with emery (corn 40-6)



3. Remove sanding residue and wrap anti-sliding tape with 100% overlap in required layers



4. **Moisten** surface incl. anti-sliding tape



5. Wrap the Pipecoat Plus tape with 100% overlap in required layers. **Spray water on the tape continuously during the wrapping process.** Time of processing 2-3 min., depending on temperature



6. Overwrap with clear foil or adhesive tape tightly



7. Check curing after approx. 60 minutes (approx. Shore D 70±)

Remarks:

- A **processing temperature +5°C up to 25°C** is ideal
- Always adhere to all applicable health and safety regulations (REACH restrictions for DIISOCYANATE)
- The material must be **fully cured before pipe is pulled in**

The 4 pipes warranty only applies to faulty material. Checking the suitability of the product for the individual application is solely the responsibility of the user.