

SPECIFICATION (as at October 2017)

Application:

WrapTec is a watertight material for sealings in the area of technical insulation. The unique self-welding characteristic and the elasticity allow fast and easy installations at any construction site. The high performance material provides extreme UV stability and weather resistance in all environments. Due to its absolute water and humidity tight sealing it prevents corrosion under insulation (CUI) at the duct pipe.

WrapTec can be used on the following materials:

- Mineral / glass / rock wool
- Polyisocyanate (PIR)
- Polyurethane (PUR)

The materials above are to be used in aluminium-laminated versions. WrapTec can also be used as corrosion protection without insulation.

WrapTec can not be used in combination with the following materials:

- Rubber insulation
- Polyethylene (PE)
- Underground installation in accordance with the requirements of DIN EN 489

Benefits:

- saves up to 50 % valuable labour costs compared to other installation coverings
- is easy and safe to install (requires no tools apart from scissors)
- offers various opportunities for usage due to environmental friendly recipe
- is extreme UV- and weather resistant
- protects the duct work from corrosion under insulation (CUI)
- saves storage costs and simplifies transport to and at the construction site

When laying the WrapTec pieces, an overlap of only 20 mm is sufficient to watertight the insulated pipes. In case of pressurised water the T-Joints (3-fold overlap) must be additionally sealed with M-Glue. WrapTec can be stretched by 50 % in all directions to ensure a proper and aesthetic installation. Therefore clean and visually appealing installations are easy to realize.

Information:

Please note the chemical compatibility of WrapTec (see table).

All test certificates and confirmations at a glance:

- 10 years product guarantee
- BBA Agreement Certificate
- ASTM E 84 Surface Burning Characteristics of WrapTec
- Classification report of the burning behaviour according to DIN EN 13501-1
- Manufacturer`s declaration on chemical compatibility
- Manufacturer`s declaration to the absence of silicone and halogen
- Information on REACH
- Test report on microbial metabolic potential of WrapTec in light grey

Technical specifications:

Material:	High performance polymer (Polyisobutylene)
Application:	Cladding / jacketing / sealing of HVAC ducts, pipes and technical insulations
Widths:	70mm, 140mm, 280mm, 560mm
Length:	10m per roll
Colours:	anthracite, light-grey
Application temperature:	+5°C up to +40°C
Heat resistance:	-40°C up to +100°C
Fire class:	E (B2) (DIN EN ISO 11925-2 / DIN EN ISO 13501-1/DIN4102)
Connections:	By self-welding
Weight:	ca. 1.85kg/m ² 1.31kg (70 mm roll) 2.63kg (140 mm roll) 5.25kg (280 mm roll) 10.50kg (560 mm roll)
Thickness:	ca. 1.05 mm
Stability (UV):	DIN 16726 (DIN EN ISO 20811)
Water column:	> 20m (DIN EN ISO 20811)
Vapor permeability:	Sd > 400m; > 400,000 (DIN EN ISO 1931)
Storage:	dry up to +40 °C