

Hipro Insulation Wrap



ASSEMBLY FROM HIPOBLANKET AND THERMOBLANKET WITH NEEDED E-GLASS FILLING

The Hipro Insulation Wrap is a combination of our Hipro and Thermo products with the aim to achieve a high level of thermal insulation in combination with short term flame protection. The outer layer of Hiproblanket Light insulation material is resistant to hydraulic fluids, lubricating oils and fuels, it protects against small particals of molten splash, occasional flames, energy loss in piping and hoses; also protects employees from burns. The main characteristic however is that Hipro Insulation Wrap has an effective high insulation λ -Factor in saving energy losses from piping etc.. Hipro Insulation Wrap is a custom made product and can be made in diameters up to 302 mm. It allows quick installation in-situ without the need to dismantle and reconnect fittings. Also repair of existing installations can be performed with a minimum of labor and downtime. Typically used in the basic glass, ceramics and steel industry. On demand also available with ceramic filling.

Material & Construction:

Construction: Remountable sleeve from woven E-glass blanket as innerlayer, filling of needled E-glass and silicone coated E-glass blanket outside; with polyester hook & loop closure and with at every 10 cm an additional nickel plated brass turnbuckle.

Cover specifications: Silicon rubber, excellent oil resistant, halogen free, limited short term flame protection, good temperature reduction,

withstands small particals of molten splash.

Temperature: -55 °C till +260 °C continuous.

- Under flame till +538 °C for approx. 20 minutes.
- Radiation heat till +538 °C for approx. 20 minutes.
- Small molten metal splash till +1200 °C for 15 - 30 seconds.

Colour: Grey.

Hipro Insulation Wrap comes in 2 types of needled fillings with different thermal insulation characteristics:

Thermal conductivity data (λ)



	TYPE 1	TYPE 2
TEMPERATURE / FILLING	Filling 96-112 kg/m ³	Filling 144-176 kg/m ³
AT 150 C°	0,04 W / mK	0,05 W / mK
AT 260 C°	0,05 W / mK	0,07 W / mK
AT 370 C°	0,065 W / mK	0,09 W / mK

