

OPTERM

valve jackets

Use

- The valve insulation jacket is used primarily in chemical, petrochemical, energy, and food processing plants, as well as in all industrial facilities with hot process lines that include temperature-controlled pipes and valve systems.

Features

- Easy and fast installation with heat resistance velcro.
- Glassfibre fabric for thermal endurance.
- Flexible and excellent mechanical strength.
- Resistance to heat, oil and chemicals.
- Long service life.
- Easy assembly and disassembly.
- Provides ease of maintenance.



Category	Specification	Temp. Resistance
Outer Fabrics	Silicone-coated fiberglass	550°C (base), 260°C (coating)
	PTFE-coated fiberglass	550°C (base), 320°C (coating)
	SS wire-reinforced fabric	max 750°C
	Silica fabric	max 1000°C
Insulation Fill	Rockwool / Mineral wool	max 650°C
	Valmiera needle-punched glass fibre	max 600°C
	Ceramic fiber blanket	max 1260°C
	Aerogel blanket	max 650°C
Inner Liner	Fiberglass / PTFE / Silica	550–1000°C
Fasteners	Velcro, SS D-rings, SS wire lacing	—
Construction	25/50/75 mm thickness, PTFE/Kevlar/Inconel stitching	—
General	Max. service temperature	1000°C
	Custom dimensions	Available