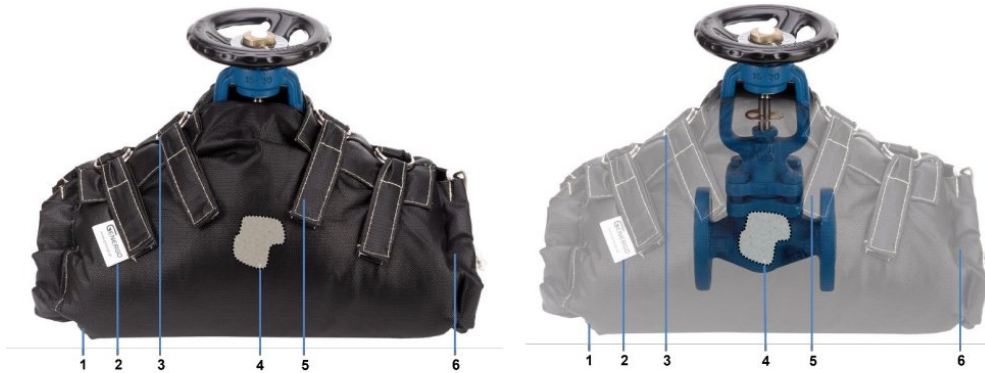


## THERMAL INSULATION COVER THERMO-GEN EX™



### Description:

THERMO-GEN EX is a flexible, reusable insulation designed for continuous operation in industrial environments in explosion-hazardous areas. It has a cover made of special glass fiber coated with a conductive layer of PTFE. To discharge electric charges, reliable grounding is necessary. The material used to manufacture these covers complies with the electrical surface resistance standard PN-E-05203:1992 and can be used in explosion-hazardous areas.

### Components of the cover:

Nr	Description	Material
1	Inner/outer covering.	Glass fiber coated with a layer of conductive PTFE material
2	Designation	
3	Regulator	Stainless steel.
4	Insulation layerR	Mat of flexible mineral fibers; 60-80mm thickness.
5	Velcro fastening strap.	Teflon-coated fiberglass; high-temperature Velcro.
6	Sealing collar	Fiberglass coated with Teflon; high-temperature rope.
	Finishing	Kevlar threads

The manufacturer reserves the right to make changes and improvements in the cover design

### Working conditions:

Maximum temperature of the insulated surface	250°C
Thermal resistance (calculated)	0,968 – 1,29 m2K/W Depends on the applied density and thickness of the insulation for 150°C.

### Applications:

Thermal insulation of fittings, collars, and pipes in installations:

- ✓ hot water,
- ✓ steam,
- ✓ thermal oil,
- ✓ hot process fluids.