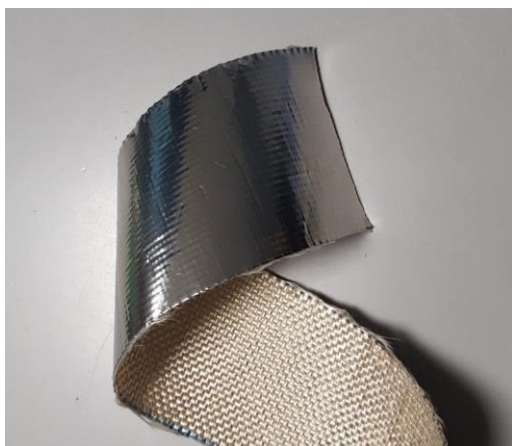


THERMO TG650S

Stainless steel

TECHNICAL DATA SHEET REV.00 10/10/2017

DESCRIPTION:



650 g / m² caramelized glass fabric, laminated on one side with stainless steel foil 50 μ with HT adhesive.

Benefits of caramelized fabric:

- Soft to the touch
- Greater suitability for coating and bonding
- Minimum fumes emission

Benefits of coupling with steel foil:

- Light weight
- Resistant to abrasion and bending
- High reflecting power of radiant heat
- Maximum irradiation temperature: Up to 1000 °C

The same type of 650g caramelized fabric is also available in the TG606AL aluminized version and in the version with FIROX®, a certified anti-fire mica paper.

PROPERTIES:

Weaving		DIN 61101-1	plain
Thickness		DIN EN ISO 5084	0,90 mm nominal
Weight		DIN EN ISO 12127	1190 g/mq nominal
Number of Wires (Warp x Weft)		DIN EN 1049-2	7/6
Width			1000 mm
Title Of The Wire	Warp Weft	DIN EN ISO2060	ET500/ET500
Tensile Strength	Warp Weft	ISO 4606	>5000 N/50mm >4000 N/50mm

APPLICATIONS:

The product lends itself to multiple applications including:

- **Food industry:**
 - Coating of trays and containers intended for cooking or drying.
 - Non-stick coatings of surfaces for baking bread, pastry and for pre-cooked food.
 - Non-stick surfaces for the frozen foods production.
 - Coating of conveyors and conveyor belts for cooking lines.
 - Packaging and covering of heated bars for retail packaging, tapes for automatic packaging lines.

- **Textile and paper industry:**
 - Cylinder coating for drying fibers and stretch fabrics.
 - Cladding for paper and board production, coating of press plates for thermoforming conveyor belts for conducting fabrics through drying ovens.
 - Cylinder coating for drying fibers and stretch fabrics.

- **Electrotechincs and electronics:**
 - Insulating Coatings of electric motors, generators, coils, cables, conductors, resistors, switches, etc.

- **Welding of plastic materials and processing of polymers:**
 - Coating of heating plates for welding extruded PVC profiles for the door and windows frames production.
 - Detachment surfaces for the polymerization of profiles and sheets in rubber, polyurethane, etc., for the production of recycled plastic sheets, the impregnation of resins and fibers fabrics and for the manufacture of fake leather.

- **Floore coverings:**
 - Carpet conveyors (even synthetic carpets) during the vulcanization processing of rubber substrates.