KOLOFOL
Industry solutions

PTFE-coated glass fabric

Properties, product types and industrial applications

ABOUT THIS GUIDE

PTFE-coated glass fabric combines a non-stick PTFE surface with the dimensional stability and mechanical strength of glass fabric. Suitable grades can be selected for heat sealing, packaging, conveying and other industrial applications.

Non-stick properties	Operating temperature	Reinforcement	Variants
PTFE	**+260 °C**	**Glass fabric**	**Various**
low friction	general upper limit	dimensionally stable	adhesive, mesh, aramid

Main product groups

TYPES AND CONFIGURATIONS

Product group	Description	Configuration
Standard PTFE-coated glass fabrics	Various thicknesses and finishes for industrial, packaging and heat-processing applications.	**standard / premium**
Self-adhesive PTFE tapes	Silicone- or acrylic-adhesive types supplied as rolls, sheets or narrow strips.	**single-sided adhesive**
Sealing and zone tapes	For film sealing equipment; customised widths and adhesive-free central zones available.	**cut to size**
PTFE conveyor belts	Solid-surface, open-mesh, antistatic and aramid-reinforced belts.	**endless**

Key benefits

Property	Technical relevance
Non-stick properties	Release surface for sticky or molten materials.
Chemical resistance	Resistance to a wide range of industrial chemicals.
Dimensional stability	The glass-fabric reinforcement provides support under heat and pressure.
Special configurations	Antistatic, open-mesh and aramid-reinforced options are available.

Applications and custom processing

Application areas and processing options

Typical application areas

Sector	Typical uses
Packaging technology	Film-sealing jaws, impulse sealers, bag production, heat sealing and sliding surfaces.
Food industry	Baking and cooking belts, grill liners and processing of tortillas, biscuits and meat.
Textiles and lamination	Heat pressing, laminating, drying and release for adhesive or resin-based materials.
Composite manufacturing	Laminating, autoclave, vacuum bagging and resin infusion processes.
Electrical and general industry	Insulation applications, chemical-resistant low-friction guides covers.

Custom processing options

Product form	Options
Rolls and sheets	Full rolls or sheets cut to size.
Narrow strips	Adhesive and non-adhesive grades slit to custom widths.
Zone tape	Custom adhesive-free zone, overall width and length.
Conveyor belt	Custom width, endless length, joints and edge finishes.
Material selection and samples	Based on part number, drawing, sample or service conditions.

IMPORTANT INFORMATION

Available widths, thicknesses and specifications vary by grade. For self-adhesive tapes, the adhesive system's temperature resistance also matters. Final material selection should consider the operating environment and application requirements.

This guide is informative; actual properties are defined by the datasheet of the selected grade.