

Technical Data Sheet (TDS)

Ruishun PTFE Coated Fiberglass Fabric

1. Product Description

RUISHUN PTFE Coated Fiberglass Fabric is manufactured by coating high-quality woven E-glass fiberglass fabric with PTFE. It offers excellent high-temperature resistance, non-stick performance, chemical stability, and mechanical strength.

2. Base Material

- Base Fabric: E-Glass Fiberglass Fabric
- Weave Type: Plain / Twill / Satin (customizable)
- Coating: PTFE (Single-side or Double-side)

3. Technical Specifications (Typical Values)

Thickness: 0.08 – 0.80 mm

Weight: 80 – 1200 g/m²

Width: Up to 4000 mm

Continuous Temperature: -70°C to +260°C

Short-Term Temperature: Up to 300°C

Tensile Strength (Warp/Weft): ≥1200 / ≥1000 N/5cm

Elongation at Break: ≤5%

Color: Brown, Black, White (custom available)

4. Physical & Chemical Properties

- Excellent heat resistance
- Outstanding chemical resistance
- Excellent non-stick surface
- Low friction coefficient
- Flame retardant
- Excellent electrical insulation

5. Typical Applications

Heat sealing machines

PTFE conveyor belts

Release sheets

Thermal insulation systems

Chemical processing equipment

6. Packing & Storage

Roll packing with PE film and export carton or pallet.

Store in a dry and ventilated environment.

7. Disclaimer

All data are typical values and provided for reference only. Actual performance may vary.

Contact

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