

CNCGLASS



CNCGLASS PTFE / fiberglass cloth specialty tape — electrical insulation wrap and roll.

CNCGLASS Product Catalog

PTFE Fiberglass and Specialty Tapes up to 180 °C — PTFE Fluoroplastic Fiberglass Cloth Polyimide PET Glass-Yarn and Aramid Paper Silicone Acrylic Tapes for Heat-Seal Packaging Roller Anti-Stick Electrical Battery Insulation Aircraft Fluid-Line ID and Assembly Holding

English

PTFE, fiberglass and specialty tapes for anti-stick, heat resistance, insulation, bundling, and aircraft fluid-line identification. Procurement focus: PTFE and fiberglass heat & chemical resistance; aramid and fiberglass insulation & reinforcement; fluid-line ID for aircraft tubing; PET holding tape for assembly. Applications: heat-seal packaging; roller & anti-stick covers; electrical/battery insulation; aircraft tubing ID; heavy product holding. Grade options by material and heat rating up to 180 °C. Typical catalog figures are average reference values, not guarantees — verify fitness before volume use.

CNCGLASS | www.cncglass.com

Product List Edition

CNC Ucolin Interlayer Technology Co., Ltd. · SHENZHEN, GD, CHINA

CNCGLASS · Product List / Specifications

CNCGLASS PTFE, fiberglass and specialty tapes cover anti-stick, heat resistance, insulation, bundling, and aircraft fluid-line identification. Procurement focus: PTFE and fiberglass heat & chemical resistance; aramid and fiberglass insulation & reinforcement; fluid-line ID for aircraft tubing; PET holding tape for assembly.

Grade variants below (described by material + heat rating). Commercial terms available on request.

Grade / Product	Construction & Specs	Format	Typical use
PET modified-acrylic ID tape 145 °C	PET + modified acrylic · 0.09 mm · tensile 200 N/25 mm · elong. 100% · adhesion 27 N/25 mm · 145 °C heat activation	Custom	Aircraft tubing / fluid-line ID
PET / glass-yarn acrylic tape 120 °C	PET / glass yarn + acrylic · 0.13 mm · tensile 260 N/25 mm · elong. 6.5% · adhesion 12 N/25 mm · 120 °C	Custom	Reinforcement hold / bundling
Polyimide acrylic holding tape 120 °C	Polyimide + acrylic · 0.07 mm · tensile 160 N/25 mm · elong. 100% · adhesion 6 N/25 mm · 120 °C	Custom	Assembly holding / temporary fixture
Fluoroplastic film silicone tape -60 to 180 °C	Fluoroplastic film + silicone · 0.08 / 0.13 / 0.18 / 0.23 mm · tensile 98.7 N/25 mm · elong. 250% · adhesion 8.88 N/25 mm · insulation 13.5 kV · -60 to 180 °C	Custom	Anti-stick / electrical insulation
PTFE / fiberglass cloth silicone tape -60 to 180 °C	PTFE / fiberglass cloth + silicone · 0.13 / 0.15 / 0.18 mm · tensile 187.54 N/25 mm · adhesion 7.89 N/25 mm · insulation 2.2 kV · -60 to 180 °C	Custom	Heat-seal / roller cover / chemical resistance
Aramid paper acrylic tape 155 °C	Aramid paper + acrylic · 0.135 mm · tensile 120 N/25 mm · elong. 10% · adhesion 11 N/25 mm · 155 °C	Custom	Insulation & reinforcement

Note: Catalog data are average reference values for CNCGLASS grade variants and are not guarantees. Please verify fitness for your process before volume use. Custom thickness, width, and adhesion available. Contact us for commercial terms.

To place an order or request a quotation, please email us at cnc@cncGlass.com. Our sales team will respond promptly with availability and lead time.

CNCGLASS · Datasheet of PTFE / Fiberglass Specialty Tapes

Key published properties for CNCGLASS PTFE, fluoroplastic, fiberglass cloth, polyimide, PET, and aramid specialty tapes used for heat-seal packaging, roller anti-stick covers, electrical/battery insulation, aircraft fluid-line ID, and assembly holding. Values below are typical catalog reference facts.

Property	Result	Note
Product family	PTFE / fiberglass / fluoroplastic / polyimide / PET / aramid specialty tapes	Anti-stick + insulation + ID
Heat rating (published grades)	Up to 180 °C (fluoroplastic & PTFE/fiberglass silicone); 155 °C aramid; 145 °C PET ID heat activation; 120 °C polyimide & PET/glass yarn	Select by grade
PET ID tape 145 °C	0.09 mm; tensile 200 N/25 mm; elong. 100%; adhesion 27 N/25 mm; 145 °C heat activation	Aircraft tubing ID
PET / glass-yarn 120 °C	0.13 mm; tensile 260 N/25 mm; elong. 6.5%; adhesion 12 N/25 mm; 120 °C	Reinforcement hold
Polyimide holding 120 °C	0.07 mm; tensile 160 N/25 mm; elong. 100%; adhesion 6 N/25 mm; 120 °C	Assembly holding
Fluoroplastic silicone -60 to 180 °C	0.08/0.13/0.18/0.23 mm; tensile 98.7 N/25 mm; elong. 250%; adhesion 8.88 N/25 mm; insulation 13.5 kV	Anti-stick / insulation
PTFE / fiberglass cloth -60 to 180 °C	0.13/0.15/0.18 mm; tensile 187.54 N/25 mm; adhesion 7.89 N/25 mm; insulation 2.2 kV	Heat & chemical cover
Aramid paper 155 °C	0.135 mm; tensile 120 N/25 mm; elong. 10%; adhesion 11 N/25 mm; 155 °C	Insulation & reinforce
Procurement focus	PTFE/fiberglass heat & chemical resistance; aramid/fiberglass insulation; aircraft fluid-line ID; PET holding for assembly	Verify on your line
Applications	Heat-seal packaging; roller & anti-stick covers; electrical/battery insulation; aircraft tubing ID; heavy product holding	Industrial / aerospace

Customization	Thickness / width / adhesion / length on request	Custom available
Disclaimer	Average reference values — not guarantees (CNCGLASS only)	Verify before volume use

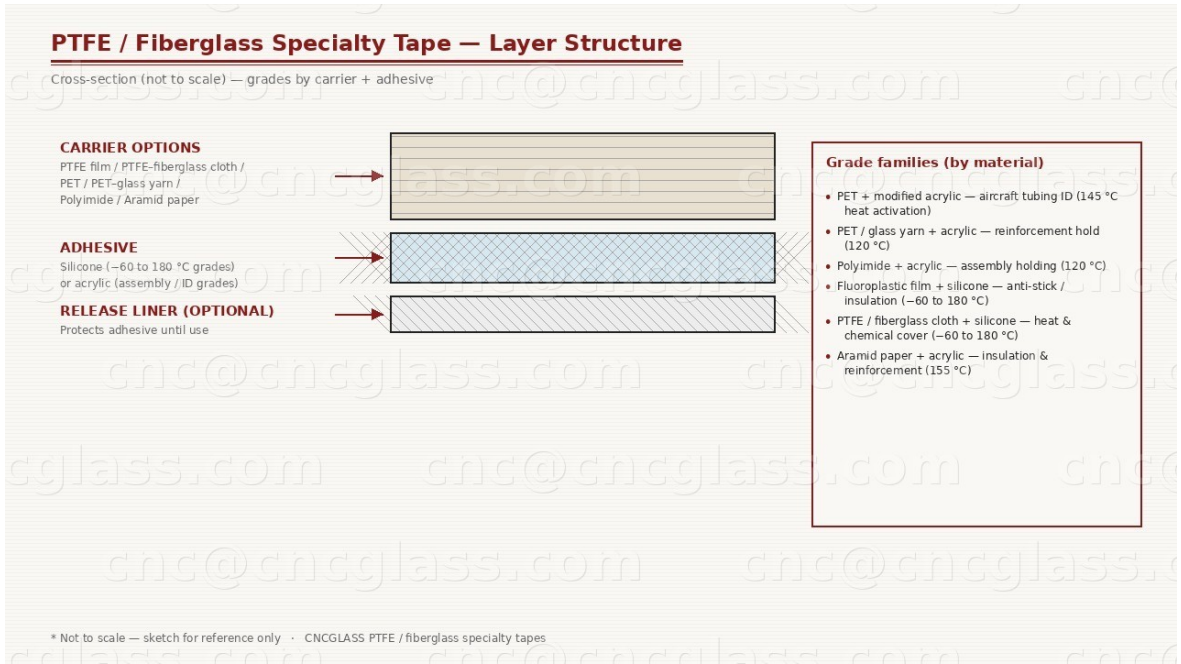
Datasheet values are typical published reference facts and may vary by batch. They are not performance guarantees. Please contact us for the latest test reports and process fitness guidance.

CNCGLASS · Storage

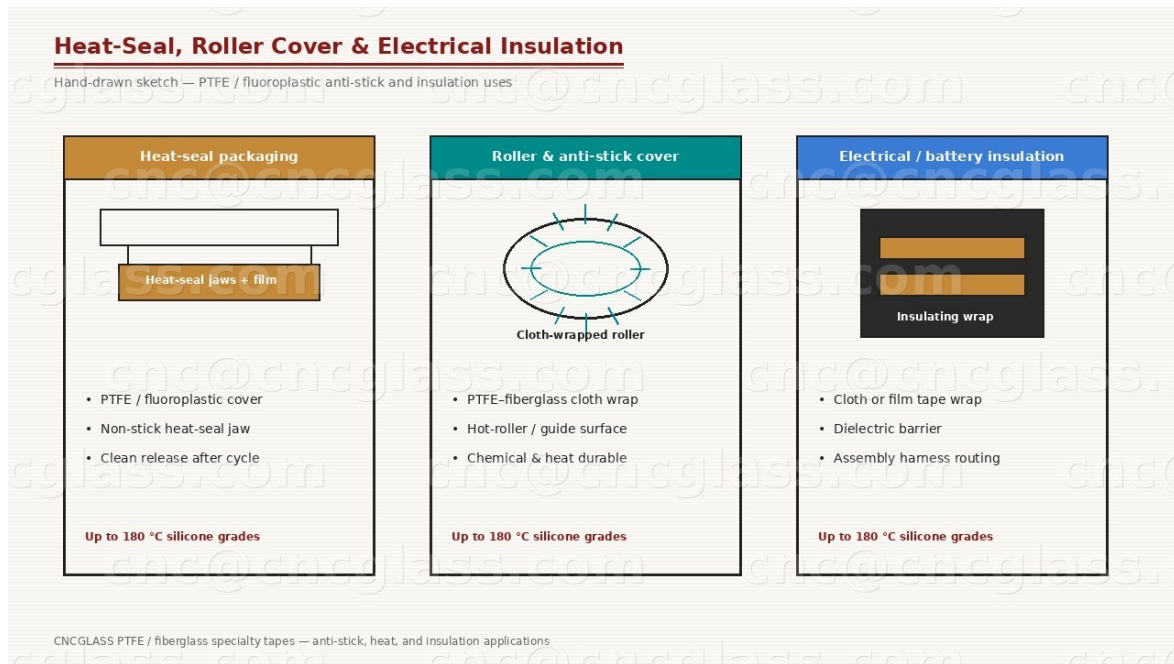
Store in a dry, clean environment away from dust, direct sunlight, and excess heat. Keep rolls sealed until use to preserve adhesive performance and release liner integrity. Follow FIFO inventory practice for PTFE, fiberglass, polyimide, PET, and aramid specialty tape grades.

CNCGLASS · How It Works (Hand-Drawn Sketches)

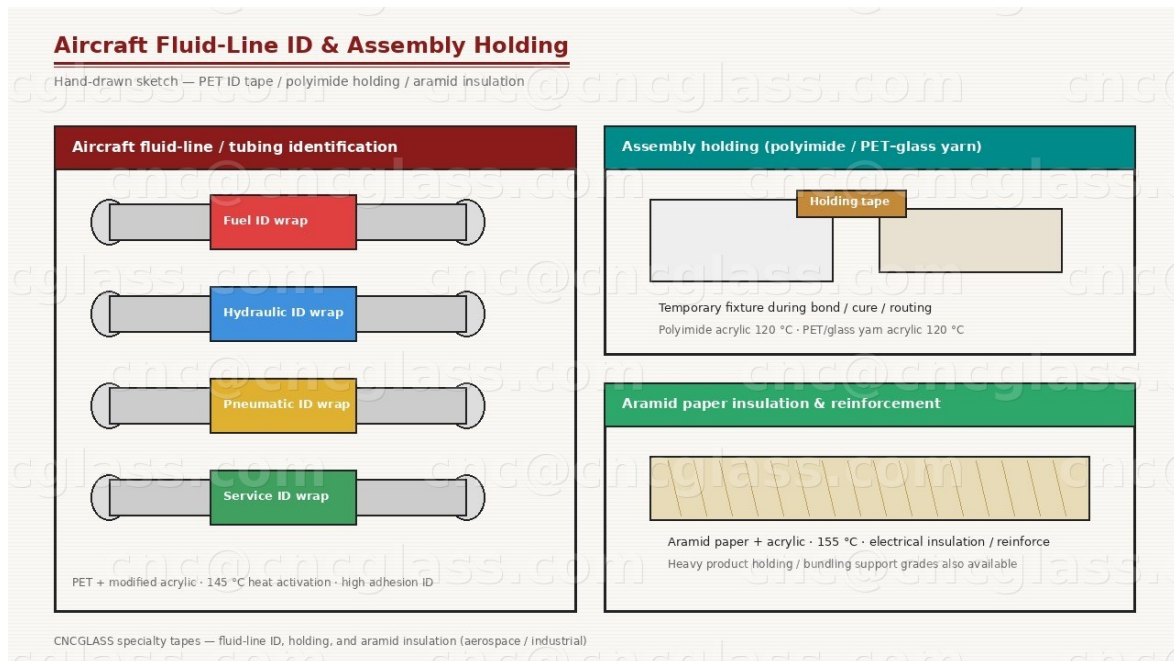
Educational hand-drawn sketches for packaging, converting, electronics, and aerospace shops. CNCGLASS specialty tapes use PTFE / fluoroplastic film, PTFE-fiberglass cloth, polyimide, PET, PET-glass yarn, or aramid paper carriers with silicone or acrylic adhesives. Typical scenes include heat-seal packaging, roller anti-stick covers, electrical insulation, aircraft fluid-line ID, and assembly holding.



Specialty tape layer structure (hand-drawn sketch): carrier options (PTFE, fiberglass cloth, PET, polyimide, aramid paper), silicone or acrylic adhesive, and optional release liner — grades by material up to 180 °C.



Heat-seal packaging, roller anti-stick cover, and electrical / battery insulation (hand-drawn sketch) with PTFE / fluoroplastic silicone grades up to 180 °C.



Applications (hand-drawn sketch): aircraft fluid-line / tubing ID with PET acrylic tape, polyimide / PET-glass yarn assembly holding, and aramid paper insulation & reinforcement.

CNCGLASS · Product Photos

Product photograph of CNCGLASS PTFE / fiberglass cloth specialty tape in roll form and as electrical insulation wrap on board-level connectors. Representative of heat-resistant cloth tape grades used for insulation and anti-stick covers.



PTFE / fiberglass cloth specialty tape — roll and insulation wrap

CNCGLASS · Contact

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For quotations, samples, or bulk orders of PTFE, fiberglass, fluoroplastic, polyimide, PET, and aramid specialty tapes (up to 180 °C) for heat-seal packaging, roller anti-stick covers, electrical/battery insulation, aircraft fluid-line ID, and assembly holding, please contact us by email or WhatsApp.