

# 3M™ Glass Cloth Tapes

## High tensile strength with choice of other properties

With a choice of high tensile strength glass cloth and silicone, acrylic, or rubber adhesives, this line meets demanding applications for Aerospace, Automotive, Commercial Vehicle, Construction, Marine, and more.

Depending on the specific tape, you have a choice of characteristics:

- Pass FAA flame resistance regulations
- Protect surfaces against abrasion
- Temperature resistance up to more than 450°F (232°C) for one hour – even higher for intermittent exposures



For seaming and sealing panels in aircraft cargo bays, 3M™ Glass Cloth Tape 398FR exceeds flame retardant standards F.A.R. 25.853 (a) and F.A.R. 25.855 (d). Pressure sensitive acrylic adhesive bonds on contact to many surfaces. High adhesion is secure for extended periods. Rugged cloth surface resists wear from heavy bags.



3M™ Traction Tape 5401 enhances friction on web rollers to help maintain constant traction and tension for the web material from start-up through wind-up.



With high tensile strength and rubber adhesive, 3M™ Glass Cloth Tape 365 reliably splices fabrics and other textured surfaces.



For thermal spray and plasma spray masking, 3M™ Glass Cloth Tape 361 with silicone adhesive performs reliably at up to 450°F (232°C). Passes FAA flame resistance regulations.

## Product Information:

Product/Color	Tape Structure (Backing/Adhesive)	Backing Thickness mils (mm)	Total Thickness mils (mm)	Adhesion to Steel oz./in. (N/100 mm)	Tensile Strength lbs./in. (N/100 mm)	Elongation at Break %	Temperature Range °F (°C)	Comments
ASTM Test Method:		D-3652	D-3652	D-3330	D-3759	D-3759		
<b>Glass Cloth Tapes</b>								
361/White	Glass Cloth/Silicone	5.4 (0.14)	7.5 (0.19)	38 (42)	182 (3190)	10	-65 to 450°F (-54 to 232°C)	General purpose glass cloth tape. <sup>1</sup>
362/Tan	Glass Cloth/Silicone	3.5 (0.09)	9.3 (0.24)	40 (28)	200 (2260)	7	-65 to 600°F (-54 to 315°C)	Protects surface from flame/plasma spraying.
3615/3615L/White	Glass Cloth/Silicone (Film Liner)	3.5 (0.09)	6.5 (0.17)	35 (38)	190 (3327)	7	-65 to 450°F (-54 to 232°C)	High temperature resistance.
365/White	Glass Cloth/Rubber	4.8 (0.12)	8.3 (0.20)	52 (57)	139 (2430)	7	40 to 250°F (4 to 121°C)	Splicing textured surfaces. Thermosetting adhesive.
3650/White	Glass Cloth/Rubber (Film Liner)	4.8 (0.12)	8.3 (0.20)	52 (57)	139 (2430)	7	40 to 250°F (4 to 121°C)	Lined 365 tape. Thermosetting adhesive.
398FR/White	Glass Cloth/Acrylic (Film Liner)	5.0 (0.13)	7.0 (0.18)	38 (52)	130 (2452)	7	-20 to 250°F (-29 to 121°C)	Meets F.A.A. burn requirements. <sup>1,2</sup> Skip-slit liner for ease at application.
398FRP/White	Glass Cloth/Acrylic (Film Liner)	5.0 (0.13)	7.0 (0.18)	38 (52)	130 (2452)	7	-20 to 250°F (-29 to 121°C)	Printed backing version of 398FR tape. <sup>1,2</sup>

<sup>1</sup> F.A.R. 25.853(a) <sup>2</sup> F.A.R. 25.855(d) Note: This technical information and data should be considered representative or typical only and should not be used for specification purposes.