

3M™ Glass Cloth Tape 361 is part of a larger family



Higher Adhesion
(Adhesion to steel 57 N/100mm)
365, 3650, 399FR



High Temperature /Heat Shielding
(Glass Cloth Foil backing allows for temperatures up to 600F(316C))
363 GC Foil



Thermoset Rubber Adhesive
(For Splicing Textured Surfaces)
365/3650 (lined)




General Purpose
(Tier B, Lower Priced)
3615



Meets Industry Flammability Specification
(All products have acrylic adhesive except 361 which has silicone adhesive)
BMS-5-146 spec: 398FR, 398FRP
FAR 25.853 (a): 361, 398FR, 398FRP, 399FR
FAR 25.855 (d): 398FR, 398FRP

Lead Glass Cloth Product



3M 361 Glass Cloth tape

- Color White
- Adhesive Silicone
- Adhesion to steel 42 N/ 100mm
- Tensile strength 2555 N/ 100mm
- Elongation 10%
- Thickness 0.16mm
- Temperature -65F to 450F (-54C to 232C)
- Industry Specs FAR 25.853 (a)

Lined Version 361L

Black = Premium
Green = General Purpose











Fine tuning: Choosing among Glass Cloth solutions

TDS data as of August 9, 2016

Lead Product

★ Meets many industry and customer specifications

	Product	Construction	Color	Data Sheet	Why choose vs other products in the family?	Properties					
						Tape thickness (mm)	Adhesion to steel (N / 100mm)	Tensile strength (N / 100mm)	Liner	Elongation at break (%)	Temperature range (°C)
Silicone	361 ★	Glass Cloth/silicone	White		High Temperature, high adhesion, abrasion resistant, meets multiple specifications	0.16	42	2555	NA	10%	-54C - 232C
	361L ★	Glass Cloth/silicone	White		Lined version of 361	0.16	42	2555	Polyester Film	10%	-54C - 232C
	3615	Glass Cloth/silicone	White		General Purpose version of 361	0.18	38	3140	Blue Film	7%	-54C - 232C
Thermoset Rubber	365	Glass Cloth/ thermoset rubber	White		Heat set adhesive, splicing textured surfaces	0.20	57	2430	NA	7%	4C - 232C
	3650	Glass Cloth/ thermoset rubber	White		Lined version of 365	0.20	57	2430	Blue Film	7%	4C - 232C
Flame Resistant	398FR ★	Glass Cloth/acrylic	White		Meets flame retardancy requirements, designed for Aerospace applications	0.18	42	2276	Blue Film	7%	-29C - 121C
	398FRP ★	Glass Cloth/acrylic	White		Printed backing version of 398FR	0.18	42	2276	Blue Film	7%	-29C - 121C
	399FR ★	Glass Cloth/acrylic	White		Thicker adhesive version of 398FR, designed for shipbuilding applications	0.24	57	2276	Blue Film	7%	-29C - 93C
Reinforced	363 ★	Aluminum Foil/Glass Cloth/silicone	Silver		Heat Shielding, Temperatures up to 600F	0.19	57	2364	NA	7%	-54C - 316C