



3M™ Sandblast Stencil Products and Impact Stripping Tapes

Thick, durable rubber backing for demanding surface protection

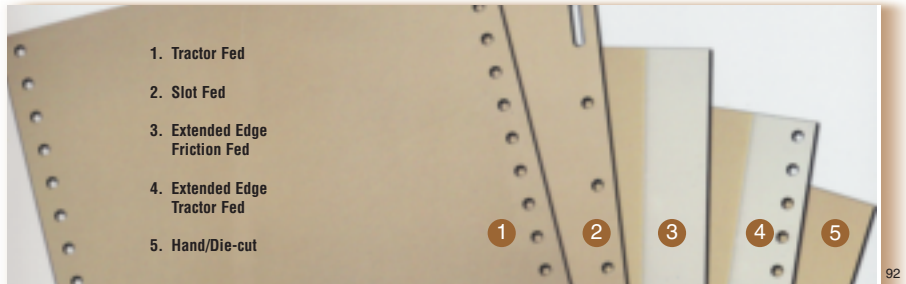
Combining 32-80 mil thick rubber backing with aggressive pressure sensitive adhesive, these products meet the rigors of two tough masking applications:

3M™ Sandblast Stencil Products

- Rubber thicknesses ranging from 32-40 mils withstand the heavy blasting used to create crisper, deeper images in stone, wood, and other surfaces
- Uniform backing thickness helps ensure efficient plotter cutting
- Clean, visible cut marks reduce picking and weeding time
- Adhesive adheres to numerous surfaces and removes cleanly
- Advanced rubber backing formulation prevents stretching and design distortion

3M™ Impact Stripping Tapes

- Choice of 32 or 80 mil rubber backing for surface protection during media stripping processes.



For cost-effective production and consistent professional results, 3M™ Sandblast Stencils are available with single or double liners for friction, slot and tractor fed plotters as well as hand and die-cutting. Single liners maintain design integrity with either computer or stencil press equipment. Double liners provide support for “islands” eliminating the need for application tape.



For blasting wood and foam signs, the balanced adhesive system of 3M™ Sandblast Stencil Tapes removes cleanly without staining or residue.



3M™ Sandblast Stencil Tapes offer the durability and consistent thickness that is required when blasting marble or granite.



Uniform stencil thickness and quality hole punch allow smooth and productive design cutting.



3M™ Sandblast Stencil Tapes offer a variety of products that can be used to create architectural designs on pavers, tile, wood, concrete and glass.



Abrasion-resistant rubber backing and acrylic adhesive of 3M™ Impact Stripping Tapes protect surfaces during plastic media blasting.

Product Information:

Product/Color	Adhesive Type	Liner Material and Thickness mils (mm)	Total Thickness Backing/Adhesive/Liner mils (mm)	Product Formats				Adhesion Level			Comments
				Gerber Compatible (Slot Fed)	IBM Compatible (Tractor Fed)	Friction Fed ¹	Hand-Cut and/or Die-Cut	Low	Medium	High	
Double Liner											
519Y/Tan ²	Rubber	Polyester 1.5 Polypropylene 2.0	48				•			•	Yellow, translucent polyester inner liner. White, polypropylene outer liner.
519YS/Tan				•							
519YT/Tan					•						
519YP/Tan ²	Rubber	Polyester 1.5 Polyester 4.0	50				•			•	Yellow, translucent polyester inner liner. Extra thick, translucent polyester outer liner. Highest adhesion level for double lined products. Wide format available.
519YPS/Tan				•							
519YPT/Tan					•						
523F/Tan	Rubber	Polyester 2.0 Polyester 4.0	50				•			•	Translucent polyester inner liner. Extra thick, translucent polyester, 1-1/4" extended edge liner.
523T/Tan					•						
Single Liner											
507/Green	Rubber	Polyethylene 2.0	43				•	•			Green, high release liner. Butter "cut". Ideal for letter press operations.
510/Green	Rubber	Polyester 4.0	48				•	•	•		Translucent, easy liner release. Use on wood and painted surfaces.
520/Tan	Gray Rubber	Polyester 2.0	42				•			•	Translucent, high liner release. Best blast resistance for single liner products.
520S/Tan				•							
520T/Tan					•						
520ETL/Tan ²	Gray Rubber	Polyester 4.0	44				•			•	Extra thick, translucent liner.
1532/Green	Rubber	Polyester 4.0	37				•			•	Extra thick, translucent, high liner release. Highest adhesion for single liner products. Used for small design detail. Conformable for use on irregular surfaces.
1532S/Green				•							
1532T/Green					•						

Temperature Range on all tapes is 50–120°F, except 500 and 528, where range is -20 to 150°F (-29 to 66°C).

Product/Color	Tape Structure (Backing/Adhesive) (Liner)	Backing Thickness mils (mm)	Total Thickness mils (mm)	Adhesion to Steel oz./in. (N/100 mm)	Adhesion to Glass oz./in. (N/100 mm)	Adhesion to Granite oz./in. (N/100 mm)	Tensile Strength lbs./in. (N/100 mm)	Elongation at Break %	Comments
ASTM Test Method:			D-3652	D-3652	D-3330	D-3759	D-3759		
Impact Stripping Tapes									
500/Green	Rubber/Acrylic (Paper)	32 (0.8)	33 (0.8)	25 (27)	N/A	N/A	25 (27)	85	Acrylic adhesive, ideal for use during plastic media blasting.
528/Green	Rubber/Acrylic (Paper)	80 (2)	85 (2.2)	38 (41)	21	N/A	18 (313)	145	85 mil 500 backing.

Temperature Range on all tapes is 50–120°F, except for 500 and 528, where range is -20 to 150°F (-29 to 66°C).

Product	Coating Base	Color	Consistency	Available Size	Comments ³
Fillers					
2	Rubber	Light Beige	Syrupy	Quarts, Gallons	Designed for smooth and polished surfaces. More aggressive than #3.
3	Rubber	Light Beige	5x more viscous than Filler #2	Gallon	Typically used on axed or frosted surfaces.

¹ Rubber is trimmed back to expose 1-1/4" of polyester liner for use with friction feed plotters.

² May be used with friction feed plotters.

³ 3M™ Double Coated Tapes 463 and 465 can be used in place of fillers. Excellent for use with pavers, bricks and on-site blasting.

Note: This technical information and data should be considered representative or typical only and should not be used for specification purposes.