



Sandblast Resistant Vinyl Film Tapes

33504 • 33515 • 33518

Technical Data

March, 2015

Product Description	3M™ Sandblast Resistant Vinyl Film Tapes 33504, 33515, and 33518 are all made with strong vinyl backing and acrylic adhesive. Specifically designed to hold during sandblasting operations and to remove cleanly with no adhesive transfer or residue. This tape family offers a range of backing thickness to accommodate varying degree of blast resistance required.
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Product Construction	Backing	Adhesive	Liner	Standard Roll Length
	Vinyl	Acrylic	White Paper	10 yds. (9.1 m)

Typical Physical Properties **Note: The following technical information and data should be considered representative or typical only and should not be used for specification purposes.**

	3M™ Sandblast Resistant Vinyl Film Tapes			ASTM Test Method	
	33504	33518	33515		
Adhesion to Steel:	18 (20)	13 (14)	15 (16)	oz./in. (N/100mm)	D-3330
Tensile Strength :	614 (10747)	312 (5460)	51 (896)	lbs./in. (N/100mm)	D-3759
Elongation at Break:	103	229	295	%	D-3759
Total Tape Thickness (without liner):	4.1 (0.10)	9.3 (0.24)	14 (0.36)	mils (mm)	D-3652
Temperature Use Range:	120 (49)	120 (49)	120 (49)	Up to °F (°C)	

- Features**
- Strong, conformable material applies easily and removes cleanly after blasting operations.
 - Vinyl material cuts well and provides sharp sandblasting profiles.
 - Resistant to common blasting media including aluminum oxide, steel shot, glass bead, and plastic media.
 - Acrylic adhesive for excellent adhesion to various surfaces.
 - Die-cuttable, easy-release liner.
 - Variety of tape thicknesses offered allows uses for multiple applications.

- Application Ideas**
- Masking to protect surfaces from overspray during blasting applications.
 - Stencil designs for wood and glass signs.

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Storage Store under normal conditions of 60° to 80°F (16° to 27°C) and 40 to 60% R.H. in the original carton.

Shelf Life To obtain best performance, use this product within 18 months from date of manufacture.

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ISO 9001:2008

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