

3M Aerospace

3M™ Scotch-Weld™ Structural Adhesive Film AF 163-2



Trusted Product Proven Performance

3M™ Scotch-Weld™ Structural Adhesive Film AF 163-2

is a family of thermosetting modified epoxy structural adhesives in film form that are available in a variety of weights and carriers.

3M™ Scotch-Weld™ Structural Adhesive Film AF 163-2 is a proven adhesive film with excellent mechanical properties. Scotch-Weld AF 163-2 Film delivers years of industry success and proven performance for over 30 years, backed by 3M's technical service and support.

- High fracture toughness and peel strength
- Excellent resistance to high moisture environments before and after curing
- Superb shop out time and long shelf life
- Flexible cure profiles

Increase shop productivity
Reduce product waste
Flexibility of use

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3M™ Scotch-Weld™ Structural Adhesive Film AF 163-2

Structure	Product	Weight (± .005 lb/ft)	Film Color	Nominal Thickness - mils	Finished Goods Stock #	Size
Unsupported	AF 163-2U	0.015	Red	2.5	62-3042-6003-7	48in x 2 yds
					62-3042-6009-4	48in x 50 yds
	AF 163-2U	0.015	Red (tan liner)	2.5	62-2623-4825-3	48in x 2 yds
					62-2623-6009-2	48in x 50 yds
	AF 163-2U	0.030	Red	5.5	62-3087-5305-2	36in x 3 yds
62-3087-5309-4					36in x 50 yds	
AF 163-2U	0.030	Red (tan liner)	5.5	62-3077-6005-8	48in x 50 yds	
Matte Scrim	AF 163-2M	0.045	Yellow	7.5	62-3137-5306-3	36in x 3 yds
					62-3137-5305-5	36in x 36 yds
	AF 163-2M	0.060	Red	9.5	62-3192-5300-1	36in x 3 yds
					62-3192-5309-2	36in x 50 yds
Knit Scrim	AF 163-2K	0.045	Yellow	7.5	62-3147-5306-2	36in x 3 yds
					62-3147-5309-6	36in x 50 yds
	AF 163-2K	0.060	Red	9.5	62-0187-5308-7	36in x 3 yds
Light weight Non-woven	AF 163-2L	0.030	Pink	5.5	62-3162-5306-1	36in x 3 yds
					62-3162-5309-5	36in x 50 yds
One-Side Tacky Non-woven carrier on matte scrim	AF 163-20ST	0.030	Green	5.5	62-3189-5302-3	36in x 3 yds
					62-3189-5309-8	36in x 50 yds
Higher-Tack Version	AF 163-20ST	0.060	Red	9.5	62-3190-5303-9	36in x 3 yds
					62-3190-5309-6	36in x 50 yds
Higher-Tack Version	AF 163-3M	0.030	Green	5.5	62-0167-5305-5	36in x 3 yds
					62-0167-5309-7	36in x 50 yds

Get what you need, when you need it...

Contact your 3M Aerospace Sales Representative for more information on:

- Other sizes available
- Low MOQs
- 30-day lead times on many adhesive films

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**Aerospace and Aircraft
Maintenance Department**

Building 223-1N-14
St. Paul, MN, 55144-1000
Phone 1-800-235-2376
www.3m.com/aerospace

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