

3M Aerospace

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



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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 ²)	Film Color	Nominal Thickness - mils	Finished Goods Stock #	Size
Unsupported	AF 163-2U	0.015	Red	2.5	62-3042-6003-7 62-3042-6009-4	48in x 2 yds 48in x 50 yds
	AF 163-2U	0.015	Red (tan liner)	2.5	62-2623-4825-3 62-2623-6009-2	48in x 2 yds 48in x 50 yds
	AF 163-2U	0.030	Red	5.5	62-3087-5305-2 62-3087-5309-4	36in x 3 yds 36in x 50 yds
	AF 163-2U	0.030	Red (tan liner)	5.5	62-3077-6005-8	48in x 50 yds
	AF 163-2U	0.060	Red	9.5	62-3064-5306-9 62-3064-5309-3	36in x 3 yds 36in x 36 yds
	AF 163-2M	0.045	Yellow	7.5	62-3137-5306-3 62-3137-5305-5	36in x 3 yds 36in x 36 yds
Matte Scrim	AF 163-2M	0.060	Red	9.5	62-3192-5300-1 62-3192-5309-2	36in x 3 yds 36in x 50 yds
	AF 163-2K	0.045	Yellow	7.5	62-3147-5306-2 62-3147-5309-6	36in x 3 yds 36in x 50 yds
Knit Scrim	AF 163-2K	0.060	Red	9.5	62-0187-5308-7 62-0187-5309-5	36in x 3 yds 36in x 50 yds
	AF 163-2K	0.085	Blue	13	62-0197-5305-2 62-0197-5309-4	36in x 3 yds 36in x 50 yds
	AF 163-2L	0.030	Pink	5.5	62-3162-5306-1 62-3162-5309-5	36in x 3 yds 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 62-3189-5309-8	36in x 3 yds 36in x 50 yds
	AF 163-20ST	0.060	Red	9.5	62-3190-5303-9 62-3190-5309-6	36in x 3 yds 36in x 50 yds
Higher-Tack Version	AF 163-3M	0.030	Green	5.5	62-0167-5305-5 62-0167-5309-7	36in x 3 yds 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

Product Use: Many factors beyond 3M's control and uniquely within user's knowledge and control can affect the use and performance of a 3M product in a particular application. Given the variety of factors that can affect the use and performance of a 3M product, user is solely responsible for evaluating the 3M product and determining whether it is fit for a particular purpose and suitable for user's method of application.

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