

## 3M Scotch-Weld™ MG100 SF Medical Grade Instant Adhesive

Category : Polymer , Adhesive

**Material Notes:**

3M™ Scotch-Weld™ Medical Grade Instant Adhesive are intended for use on a wide variety of materials used in the construction of disposable medical assemblies. They will quickly bond metals, plastics, rubbers, and composite materials and are available with special properties such as fast cure, low odor, flexibility and a variety of viscosities. This product has been tested and meets the specifications of USP Class VI. These products are not intended for use in implantable medical assemblies or for direct application to the skin. MG100 SF is a fast curing cyanoacrylates that rely less on surface moisture for cure speed than standard cyanoacrylates. These cyanoacrylates can be used for a super fast cure in high speed production applications. Information provided by 3M

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_3M-Scotch-Weld-MG100-SF-Medical-Grade-Instant-Adhesive.php](http://www.lookpolymers.com/polymer_3M-Scotch-Weld-MG100-SF-Medical-Grade-Instant-Adhesive.php)

Physical Properties	Metric	English	Comments
Density	1.06 g/cc	0.0383 lb/in <sup>3</sup>	
Viscosity	80 - 120 cP	80 - 120 cP	ISO 3104/3105

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	25.5 MPa	3700 psi	cured, grit-blasted steel; ASTM D2095
Shear Strength	20.0 MPa	2900 psi	Overlap, grit-blasted steel; ASTM D1002

Thermal Properties	Metric	English	Comments
Maximum Service Temperature, Air	82.0 °C	180 °F	
Minimum Service Temperature, Air	-54.0 °C	-65.2 °F	

Processing Properties	Metric	English	Comments
Cure Time	0.0500 - 0.500 min	0.000833 - 0.00833 hour	Time to Handling
	1440 min	24.0 hour	Full Cure

Descriptive Properties	Value	Comments
Appearance	Clear Liquid	

## Contact Songhan Plastic Technology Co.,Ltd.

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