

## 3M Scotchkote™ FG 502 Epoxy Metal Repair

Category : Polymer , Thermoset , Epoxy

### Material Notes:

Scotchkote Epoxy Metal Repair FG 502 has been specifically developed as a 100% solids epoxy coating for resurfacing and reforming metal machinery and equipment. It also combines good application characteristics with good erosion and corrosion resistance. Information provided by 3M

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_3M-Scotchkote-FG-502-Epoxy-Metal-Repair.php](http://www.lookpolymers.com/polymer_3M-Scotchkote-FG-502-Epoxy-Metal-Repair.php)

Physical Properties	Metric	English	Comments
Solids Content	100 %	100 %	
Thickness	254 microns	10.0 mil	

Mechanical Properties	Metric	English	Comments
Flexural Strength	48.3 MPa	7000 psi	
Compressive Strength	62.1 MPa	9000 psi	
Shear Strength	19.3 - 19.48 MPa	2800 - 2825 psi	Tensile Shear Adhesion

Thermal Properties	Metric	English	Comments
Heat Distortion Temperature	60.0 °C	140 °F	

Processing Properties	Metric	English	Comments
Cure Time	480 min	8.00 hour	Machining Time
	10100 min	168 hour	Full Cure

Descriptive Properties	Value	Comments
Appearance	Gray	

## Contact Songhan Plastic Technology Co.,Ltd.

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