

## 3M Scotchkote™ 80BG 536 Urethane Elastomer

Category : Polymer , Thermoset , Polyurethane, TS , Thermoset Polyurethane, Elastomer, Unreinforced

**Material Notes:**

Scotchkote Urethane Elastomer 80BG 536 has been specifically developed as an elastomeric system with a high degree of flexibility for resurfacing rubber components. Product Features: Properties similar to factory produced rubbers Designed for application by trowel or spatula at thicknesses up to 500 microns Primarily designed for use to resurface impellers, chutes, and hoppers. Information provided by 3M

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_3M-Scotchkote-80BG-536-Urethane-Elastomer.php](http://www.lookpolymers.com/polymer_3M-Scotchkote-80BG-536-Urethane-Elastomer.php)

Physical Properties	Metric	English	Comments
Solids Content	100 %	100 %	
Volatile Organic Compounds (VOC) Content	0.00 g/l	0.00 g/l	
Thickness	508 microns	20.0 mil	

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	80	80	
Tensile Strength at Break	11.7 MPa	1700 psi	
Elongation at Break	600 %	600 %	

Electrical Properties	Metric	English	Comments
Dielectric Strength	16.0 kV/mm	406 kV/in	

Processing Properties	Metric	English	Comments
Cure Time	60.0 min	1.00 hour	Initial Set
	960 min	16.0 hour	Machining Time
	1440 min	24.0 hour	Full Mechanical

Descriptive Properties	Value	Comments
Appearance	Black	

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