



## TECHNICAL DATA SHEET

This powder coating is formulated using a blend of proprietary resins and curing agents. This coating retains physical properties at elevated temperatures and also provides excellent thermal shock resistance. Typical applications include mufflers, exhaust manifolds, automotive parts, and electrical appliances.

**PRODUCT CODE:**  
**PRODUCT TYPE: Silicone**  
**PRODUCT NAME:**

TYPICAL PROPERTIES	TEST METHODS	RESULTS
Specific Gravity	PCI # 4	1.20 - 1.70
Coverage	Theoretical	160 - 113 +- 4.0 Sqft/lb @ 1 mil
Gloss @ 60 Degrees	ASTM D523	0 - 100
Over Bake Resistance	ASTM D2454	100%
Pencil Hardness	ASTM D3363	H-2H
Direct Impact	ASTM D2794	40 in.lbs.
Reverse Impact	ASTM D2794	20 in.lbs.
Cross Hatch Adhesion	ASTM D3359B	Pass
Mandrel Bend, Flexibility	ASTM D522	1/2"
MEK Resistance	PCI # 8	50 + D/R
Abrasion Resistance	ASTM D1044	Good
Heat Resistance		Up to 1000 Degrees F (Intermittent)

APPLICATION	Cure Schedule	Rec. Film Thickness
Electrostatic Spray: Cold	10' @ 450 Degrees F (PMT)	2.0 to 3.0 mil
Substrate: C.R.S./Aluminum		
Pretreatment: Blasted Surface		

**Shelf Life: 1 Year from the date of purchase, when stored under 75 degree F**

**Warranty Policy:** The surface preparation and application procedures and other factors that affect performance are beyond our control. AmeriCoats assumes no liability for coating failure other than to supply replacement material for a coating shown to be defective. Do not use this product until the current material safety data sheet has been read and is fully understood. AmeriCoats shall not be liable for injuries, damages or other losses deriving directly or in consequence of purchaser's use of product. Purchaser shall determine the suitability of this product for his own use, and thereby assumes all risks and liabilities in connection therewith.