

ConduForm™ Technical Specifications

Physical Properties:

Property	Typical Value	Unit	Test Method
Density (Uncured)	1075	kg/m ³	SAE Inc. Standard 104
	1.075	g/cm ³	
	67.11	lbs/ft ³	
Volume	0.019	m ³	SAE Inc. Standard 104
	0.660	ft ³	
Water Permeability	6.5 x 10 ⁻⁶	cm/sec	ASTM 5084 (2.6 psi)
Electrical Corrosion Resistance			SAE Inc. Standard 100
Copper	100	%	
Steel	99.87		
Galvanized Steel	98.51		
Compatibility			SAE Inc. Standard 100
Copper	Yes		
Steel	Yes		
Galvanized Steel	Yes		
Freeze-Thaw Withstand	30	years	SAE Inc. Standard 102

Electrical Properties:

Property	Typical Value	Unit	Test Method
Resistance	0.5	Ω	SAE Inc. Standard 105
Resistivity	20	Ω·cm	SAE Inc. Standard 105

Material Properties:

Property	Typical Value	Unit	Test Method
Physical State (Uncured)	Dark Blue Slurry (ConduForm)		
	Grey Powder (Curing Agent)		
Physical State (Cured)	Black Solid		
Odor	None		
Working Time	10 - 30	minutes	
Setting Time	3	hours	
Cure Time (90% cure)	4	weeks	
Cure Time (100% cure)	9 - 10	weeks	

Updated: 5/22/2019