

HumiSeal® 2C52 Thixotropic Silicone Gel
Technical Data Sheet

HumiSeal® 2C52 is a two-part silicone that cures rapidly at room temperature after mixing. It is designed for applications requiring a soft, high surface tack sealant with limited flowability after dispensing. HumiSeal® 2C52 adheres and seals most surfaces but can be easily removed and repaired after curing.

APPLICATIONS	FEATURES	SUBSTRATES
Wire Receptacles	RoHS & REACH Compliant	Plastics
Electronic Assemblies	Soft & Flexible	Metal
Power Supplies	Fast Setting	Circuit Board
Lighting Fixtures	Room Temperature Cure	Wire & Cable
	Water Resistant	Ceramic

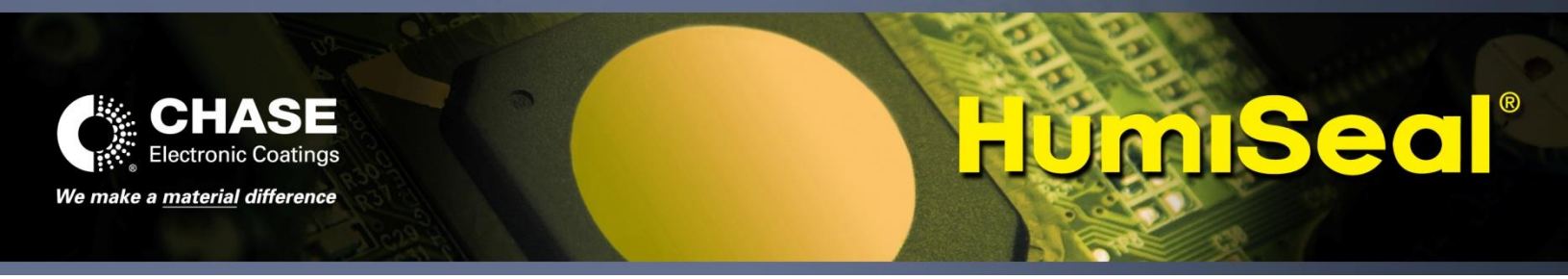
Properties of HumiSeal® 2C52

Chemical Class	Silicone
Mixed Specific Gravity at 25°C	0.96-1.02
Viscosity, Spindle #6 at 20 rpm (Part A)	15,000 – 20,000 cps
Viscosity, Spindle #6 at 20 rpm (Part B)	10,000 – 20,000 cps
Mix Ratio (A:B)	1:1
Appearance	Clear-haze
Shelf Life @ 20 °C ± 10°C	6 Months
Pot Life at 25°C	10 minutes
Set Time at 25°C	15-25 minutes
Curing Conditions (5-gram mass)	1 hour at 25°C 2 min. at 125°C
Hardness, TA-XT Texture Analyzer (g)	45-70
Cleanup Solvent	Isopropyl alcohol

Storage
HumiSeal® 2C52 should be stored between 10°C and 30°C in tightly closed containers away from heat.

Caution
Application of HumiSeal® 2C52 should be carried out in accordance with local and national health and safety regulations. Use only in well-ventilated areas to avoid inhalation of vapors. Avoid contact with skin and eyes.

Consult SDS prior to use.



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