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SIL-COAT RTV 8500

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SELF-LEVELING &
FLOWABLE SEALANT1-PART HIGH PERFORMANCE INDUSTRIAL /
CONSTRUCTION GRADE SILICONE SEALANT

SPECIFIC APPLICATIONS

Coating mechanical devices, making formed-in-place gaskets for compressors, gearboxes, pumps, potting electrical terminals, sealing ammunition fuses, trailers, truck cabs, seam seals for windows and potting electrical bushings.

PHYSICAL PROPERTIES

	RTV 8512	RTV 8569
Cure System	Acetox	Neutral/oxide
Physical Properties (cured)	Rubber	Rubber
Specific Gravity	1.03	1.05
Extrusion Rate, g/min.	650	610
Temperature Range	-62° to 350° F	-62° to 350° F
Intermittent Temperature Range	400° F	400° F
Skin Over Time (min)	10 *	17 *
Tack Over Time (min)	15 *	30 *
Cure Time (hours)	24	30
Tensile Strength (psi)	225	280
Elongation %	320	300
Durometer Shore A	28	25
Dielectric Strength kv/mm (v/mil)	19.7 (500)	20 (500)
Dielectric Constant at Hz	2.8 @ 60	2.8 @ 60
Shelf Life (months)	12	12

* All properties derived from lab conditions, (77° F at 50% relative humidity)

MEETS SPECIFICATIONS: RTV 8512: FDA 177.2600, USDA, NSF 51, MIL-A-46106, UL File No. (E163851) (E40195) (Type 734)

RTV 8569: NA

AVAILABLE COLORS: Clear, White, Black
(Custom Colors Available Upon Request)

PACKAGING: 10.3 fl. oz. cartridges
5 gallon pails
55 gallon drums
Custom packaging



SILCO INC.
Application Driven Silicone