

# GacoFlex S-20

## Product Data Sheet



### GACOFLEX S-20 SINGLE COMPONENT SOLVENTLESS SILICONE COATING

- DESCRIPTION:** GacoFlex S-20 Series are single component elastomeric waterproofing moisture curing silicone coatings. GacoFlex S-20 Series are petroleum-free coatings.
- Standard specification for liquid applied silicone coating used in spray polyurethane foam roofing.
- USAGE:** GacoFlex S-20 is designed as a protective coating for spray-in-place polyurethane foam, metal, concrete, wood, built-up roofing and most single ply's.
- COLOR:** S-2000 white, S-2022 medium gray, S-2029 dark gray and S-2048 tan (special order).

#### APPLIED PRODUCT DATA

**WEATHERABILITY:** Excellent durability, color stability and chalk resistance.

**CHEMICAL RESISTANCE:** Excellent solvent and chemical resistance.

<b>TENSILE:</b>	ASTM D-412		<u>S-2000 Immersed in Water @150°F(66°C) for 1 year per ASTM D-471:</u>
	Strength:	550 ± 10 psi (3.79 ± .07 MPa)	Strength: 463 psi (3.19MPa)
	Elongation:	150 % ± 10	Elongation: 125%
	Permanent Set At Break:	Approx. 1%	Permanent Set At Break: 0%
<b>TEAR RESISTANCE:</b>	ASTM D-624 DIE C		
	Lb./In.	21 pli (3.8 kg(f)/cm)	11 pli (2.0 kg(f)/cm)
<b>HARDNESS:</b>	ASTM D-2240	55 Shore A	56 Shore A
<b>WATER VAPOR PERMEABILITY:</b>	ASTM E-96	5.3 perms	
	Procedure B at 0.5 mm (20 mils) thickness ± 10%		
	Minimum permeance requirement is 2.5 U.S. perms		

ADHESION:	Excellent adhesion to polyurethane foam.	
FLAMMABILITY:	ASTM E108 Class A	
REFLECTANCE:	ASTM C-1549 S-2000 White	0.88
EMITTANCE:	ASTM C-1371 S-2000 White	0.87

**PACKAGED PRODUCT DATA**

COVERAGE:	Sq. Ft./Gal./Mil	1524 (37.42 m <sup>2</sup> /L/.02mm)
SOLIDS:	Weight: Method 4041 Fed. Std. 141	96.5% ± 1%
	Volume:	95% ± 1%

V.O.C                      Volatile organic compounds content is 48 grams per liter.

FLASH POINT:            ASTM D-56, TCC                      Above 179°F (82°C)

STORAGE STABILITY:    One year from date of manufacture when stored in sealed containers below 75°F (24°C).

CLEANER:                GacoFlex T-5135 / T-5110 VOC compliant thinner.

**APPLICATION**

PRIMER:                 None normally required.

MIXING:                 Mix before application to assure uniform color and consistency.

APPLICATION:            Apply by brush or roller as received. For spray application, use as received. Consult Gaco Western's Silicone Spray Guide SG-Silicone for more information.

For cold weather application, keep material stored above 65°F (18°C). Recoat time is between 4 to 48 hours. Longer recoat times will result in poor intercoat adhesion and delamination.

CLEAN-UP:              Clean spray equipment with GacoFlex T-5135 / T-5110 VOC compliant thinner. Recirculate through lines and gun until residual GacoFlex is removed.

CURE:                    Applied coating will cure in 1 to 4 hours depending on temperature and humidity.

CAUTION:                GacoFlex S-20 is considered combustible. Keep away from heat, sparks and open flame. Avoid prolonged breathing of vapors and prolonged or repeated skin contact. Use only with adequate ventilation.