

Gaco Western

S I N C E 1 9 5 5

Product Data Sheet:

LiquidRoofTape GRF1625

January 2016

Supersedes 11/13

LIQUIDROOFTAPE GRF1625 SILICONE LIQUID ROOF SEAM TAPE

DESCRIPTION: LiquidRoofTape is a thick, high-build, rubber-like liquid comprised of 100% silicone and microfibers. The unique properties allow it to replace traditional rubber and mesh seam tapes when used in conjunction with GacoRoof 100% Silicone Roof Coating.

LiquidRoofTape meets California's SCAQMD Rule 1168 for Adhesive and Sealant Applications and specifically within one or more of the following definitions: (45) non-membrane roof sealant, (67) sealant and (72) single-ply roof membrane sealant.

USAGE: LiquidRoofTape provides a seamless solution for joints, flashings, fasteners, small cracks, vents, drains, seams, uneven surfaces, protrusions, depressions and transitions.

LiquidRoofTape will exhibit resistance to wear under light foot traffic.

LIMITATIONS: Suitable as a standalone patch only when used in conjunction with GacoRoof Silicone Roof Coating.

COLOR: GRF1625 Light Gray

APPLIED PRODUCT DATA

WEATHERABILITY: Not intended as a topcoat, but will have excellent resistance to UV degradation.

TOXICITY: Not for use in contact with edible substances or potable water.

ADHESION: Bonds to aged asphalt, aged EPDM, aged TPO/CPA, built-up, cap sheet, composite, concrete, fiberglass, metal, modified bitumen, torchdown, sprayed polyurethane foam and most existing coatings on flat or sloped roofs.

Only silicone coatings should be applied over LiquidRoofTape.

CHEMICAL RESISTANCE: Excellent chemical resistance.

TENSILE: ASTM D412

Strength:	230 psi (1.59 MPa)
Elongation:	87%
Permanent Set At Break:	≈1%

TEAR RESISTANCE: ASTM D624 DIE C 30 pli (5.4 kg(f)/cm)

HARDNESS: ASTM D2240 55 Shore A



PACKAGED PRODUCT DATA

THEORETICAL COVERAGE:	Make sure LiquidRoofTape overlaps all applied areas by at least 2" in all directions at approximately 1/8" thickness. This provides a coverage rate of 38 LFT/gallon (11.7 LM/gallon) with a 4" (10.2 cm) wide path. Alternatively, 1 gallon of product will cover approximately 350 fasteners based on 2" (5.1 cm) patches at 1/8" thickness. Coverage rate may vary with the type of application and texture of the substrate.	
SOLIDS:	Weight: Method 4041 Fed. Std. 141	80% ± 1%
	Volume:	68% ± 1%
V.O.C:	≤250 g/L	
FLASH POINT:	ASTM D93	103°F (39°C)
STORAGE STABILITY:	Two years from date of manufacture when stored in unopened containers below 75°F (24°C).	

APPLICATION

MIXING:	Mix before application to assure uniform color and consistency. Power mixing is recommended for quantities greater than 1 gallon (3.8 L). Do not use a paint shaker to mix.
PRIMER:	None normally required.
THINNING:	Product should not be thinned.
APPLICATION:	Apply LiquidRoofTape to a clean, dry and sound surface. Apply by brush, roller, trowel or putty knife as received. Force the product down into all penetrations and over all protrusions. For cold weather application, keep material stored above 65°F (18°C). Ensure that previous applications of LiquidRoofTape or GacoRoof are clean, dry and well cured before recoating.
CLEAN UP:	Application tools and equipment can be cleaned with GacoFlex Silicone Solvent or 100% Pure Mineral Spirits. DO NOT USE WATER OR RECLAIMED SOLVENTS.
DRY TIME:	Allow the first coat to dry for 3 to 12 hours. Apply top coats as soon as the first coat can be safely walked on.
CAUTION:	For specific Health and Safety information please refer to the Safety Data Sheet.

