

# BUTYL TAPE-SEAL

## TFC BUTYL TAPE-SEAL FOR METAL ROOFING AND WALL PANELS

*Specially formulated for  
use on metal roof and  
wall panels.*



BUTYL TAPE-SEAL™ was designed specifically for the metal building industry to provide optimal sealing in the harshest environments.

It adheres to most clean, dry metal surfaces and does not harden, bleed or stain. With pressure, it fills minor irregularities in the surface and seals the joints providing an effective barrier against water, moisture, dust, and dirt.

BUTYL TAPE-SEAL™ is an excellent choice for use around windows, doors, roof vents, stacks, access doors, and other penetration points.

### SIZES

Stocked sizes - Others available upon request

Size (T x W x L)	TFC P.N.	Rolls/ Ctns	Ctns/ Pallet
3/32" x 3/8" x 45'	0937BCT	48	30
3/32" x 1/2" x 50'	0950BCT	22	50
3/32" x 1" x 45'	0910BCT	24	30
1/8" x 1/2" x 50'	1250BCT50	13	48
1/8" x 1" x 50'	1210BCT50	8	48
3/16" x 1/4" x 40'	1825BCT	20	48
3/16" x 7/8" x 40' *DB	1887BCT	10	48
3/16" x 7/8" x 25' *TB	1887BCT25TRI	8	64
3/16" x 2-1/2" x 20' *TB	TC826W	6	60

\*DB denotes double bead

\*TB denotes triple bead



**Easy to install!**



### PACKAGING

BUTYL TAPE-SEAL™ is extruded butyl material with a silicone backed release paper that is rolled and cut to specific lengths.

Our master cartons are constructed of 200 pound test material and the rolls are separated by silicone divider pads and protected by upright stacking cores.



**Adheres to:**

- Painted Metal
- Galvalume®
- Kynar®
- Aluminized Metal

### CLEAN UP

Mineral spirits will readily facilitate the cleaning of tools and equipment.

### MATERIAL SPECIFICATION



BUTYL TAPE-SEAL™ is made from a blend of elastomers, butyl, EPDM rubber, and proprietary co-polymers.

The plasticizers are of the polyisobutylene and polybutene type, and permit no oxidation or migration. The fillers are inert and are primarily used as extenders and process aids and, to a lesser extent, as reinforcing pigments. The remaining materials are antioxidants, fungicides and organic processing aides.

### TEST DATA

BUTYL TAPE-SEAL™ has been tested to ASTM standards and meets Military and Federal Specifications.



#### Military Specifications

MIL-C-18969B, Type II, Class B

#### Federal Specifications

TT-C-1796A, Type II, Class B

(Supersedes MIL-C-18909B)

N.A.A.M.M. SS-1C-68, A.A.M.A. 804.1

AND 807.1; M.B.M.A. Ice Damming-

Five-inch static water head test

F.D.A. Regulations (#175.125)

TEST METHOD	TEST	TYPICAL RESULTS
<a href="#">GSTM 10*</a>	Color	Light Grey
<a href="#">ASTM D-217-68</a>	Cone penetration @ 77°F/25°C, 105g/5sec, 1/10mm	55
<a href="#">ASTM C-771-74</a>	Non-volatiles, % weight @ 212± 3°F/100± 2°C	99+
<a href="#">ASTM D 792-66</a>	Weight/gallon @ 77°F Weight/liter @ 25°C	12.9 lbs 1.50 kg
<a href="#">ASTM D 792-66</a>	Specific gravity @ 77°F/25°C	1.55
<a href="#">GSTM 11 *</a>	Service temperature - range	-60° to +275°F -51° to +135°C
<a href="#">GSTM 16 *</a>	Sag (3 weeks @ 160°F/71°C)	None
<a href="#">ASTM C-765-73</a>	Cold temperature flexibility 1/2" (12.7 mm) Mandel Bend @ -60°F/-51°C	No cracking or loss of adhesion
<a href="#">GSTM 9*</a>	Webbing and elongation: @ 77°F/25°C @ 32°F/0°C	1,050%+ 3,050%+
<a href="#">GSTM 1*</a>	Adhesive/cohesive failure mode @ 77°F/25°C	3%/97%
<a href="#">ASTM D-897-72</a>	Tensile strength, p.s.i. @ 77°F/25°C	25
<a href="#">ASTM D-750-68</a>	Weatherability - 1,000 hours in Q.U.V. weatherometer (Cycle of 8 hours U.V. @ 150°F/65°C; then 4 hours of condensation @ 104°F/40°C)	No discoloration, cracking, crazing, or loss of adhesion

\* Gulf States Test Method: (GSTM) available upon request

JC061912

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