

# BUTYL TAPE-SEAL

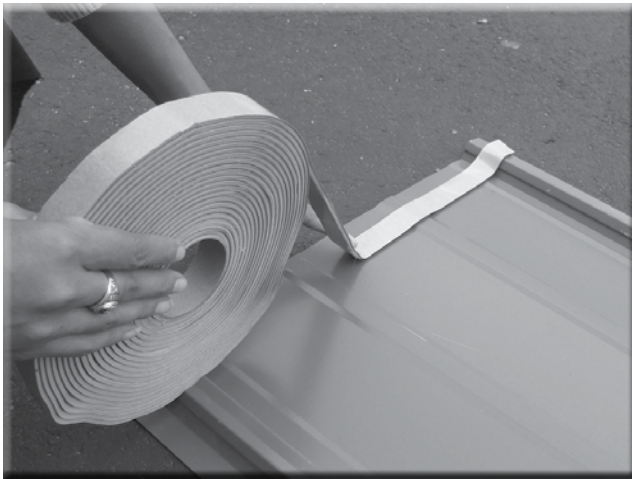
## TFC BUTYL TAPE-SEAL FOR METAL ROOFING AND WALL PANELS

*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.



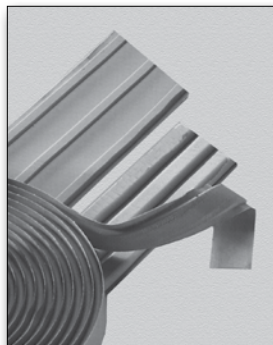
### SIZES

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'	1887BCT25	8	64
3/16" x 2-1/2" x 20' *TB	TC826W	6	60

\*DB denotes double bead

\*TB denotes triple bead



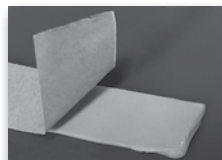
### Easy to install!



### 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.



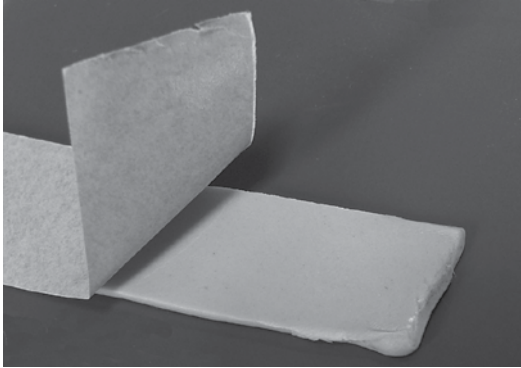
### Adheres to:

- 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

(Supercedes MIL-C-18909B)

U.S.D.A. - Product chemically acceptable to the U.S. Department of Agriculture for use in meat processing areas under Federal inspection.

Property	Results
<i>Color</i>	ASTM D1729-69, Off white to grey
<i>Solids Content</i>	ASTM C771-74, 100%
<i>Specific Gravity</i>	ASTM D71-78, 1.53+/- .05
<i>Hardness</i>	ASTM D217-68 (300 gr. total weight) 0°F (-18°C) - 3.5 to 4.5 mm min. 77°F (25°C) - 10.0 to 13.0 mm 120°F (49°C) - 12.0 to 18.5mm max.
<i>Force to Compress</i>	As measured when one cubic inch of 3/8" thick material is compressed to 3/16" thick material @ 2"/min. 0°F (-18°C) - 85 lbs. 77°F (25°C) - 40 lbs. 120°F (49°C) - 29 lbs.
<i>Elongation &amp; Webbing</i>	0°F (-18°C) 250% min. (holding a 5 in. water head pressure Ethylene glycol added) 77°F (25°C) - 800% min.
<i>Plasticizer Migration</i>	ASTM C772-74, No bleed / contact stain only
<i>Staining</i>	ASTM D925-76, No bleed / contact stain only
<i>Cold Temperature Flexibility</i>	ASTM C765-73, No cracking or loss of adhesion
<i>Water Resistance</i>	ASTM D1056, Vacuum - .75% max. Static - 0%
<i>Adhesion Tensile Strength</i>	ASTM D897-78, 20 psi min.
<i>Aging Characteristics</i>	ASTM D7850-68 Weather-O-Meter, 1000 hrs - 10% reduction in most physicals QUV Cabinet (No ASTM) - 10% reduction in most physicals
<i>Shelf &amp; Service Life</i>	20 years min.
<i>Service Temperature</i>	-40°F to 220°F
<i>Heat Distortion</i>	ASTM D816-55 / 25% max.
<i>Water Resistance</i>	ASTM D1056 / Vacuum: .75% max. Static: 0%
<i>Static Water Head Test</i>	MBNA waster damming test, Passed 5in water head simulation.