



# CELLULAR JOINT FILLER

Vermont Agency of Transportation

**RECEIVED**

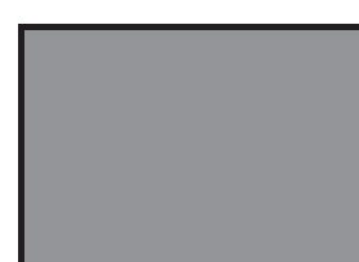
CK'D BY CLB OK'D BY CWC

February 16, 2018

RESUBMIT No Approved  
BY C. CARLSON DATE 02/16/18

## What It Is

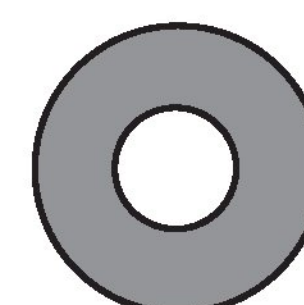
**CLOSED CELL JOINT FILLER** is a flexible, compressible material that easily fills difficult joints in concrete pipes and structures. Whether glued onto the joint or placed between the structures, it quickly conforms to the joint profile. Closed Cell Joint Filler can be supplied as cut and spliced gaskets, or as bulk material for field fabrication of gaskets. It has excellent compressibility and is resistant to weather, ozone, acids, and alkalis.



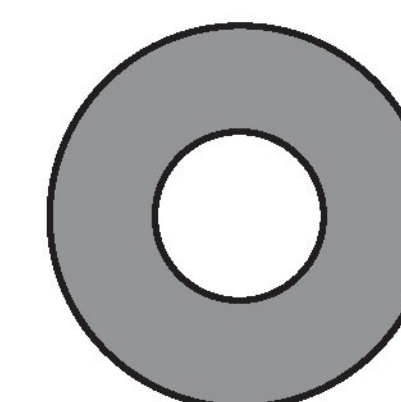
1" x 1"  
25 FT. ROLLS



1" x 2"  
25 FT. ROLLS



ROUND 3/8" WALL  
250 FT. ROLLS



ROUND 1/2" WALL  
250 FT. ROLLS

## Why It's Better

- Works with Round, Elliptical & Arch Pipe
- Works with Box Culverts and Manholes
- Available in 25' or 250' rolls, or by the foot
- Also available as cut and spliced gaskets
- Manufactured of high-quality synthetic rubber
- Easily compresses to fill irregular joints
- Clean and easy to use.
- May be used in place of trowelable sealants
- Easily cut and spliced in the field or in your yard
- May be glued directly to the joint

## How It Performs

**CLOSED CELL JOINT FILLER MATERIAL** meets or exceeds all requirements of:

**ASTM D-1056 - Flexible Cellular Materials - Sponge or Expanded Rubber**

Virginia and New York DOT approved.  
Complies with NYDOT Std. 706.17

RECTANGULAR CROSS-SECTIONS are made from a Neoprene/EPDM Blend.

CIRCULAR TUBING CROSS-SECTIONS are made from a Nitrile/PVC blend.

## Typical Physical Properties

Color .....	Black	Water Absorption by Weight (Max.).....	10%
Compression Deflection (psi) .....	5 - 9	Temperature Range (F)	
Tensile Strength (psi Min.) .....	30	Low (Flex without cracking) .....	-70
Elongation (%Min.) .....	125	High (Continuous) .....	150
Resilience - Bashore (% rebound Average)		High (Intermittent) .....	200
(1/2" thickness @ 72°F) .....	25 - 40	Heat Aging (7 days @ 158°F)	
Shore 00 Durometer .....	45 - 60	Lineal Shrinkage (Max.) .....	10%
Density (pcf) average .....	5.5 - 7.5		

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