



A CSW Industrials Company

# PRODUCT DATA SHEET

## METACAULK® JOINT STRIP Flexible Material for up to 2" Wide Joints

### Description

A flexible, highly intumescent firestop material used in concrete and masonry control floor and wall joints up to 2" (51 mm) wide. It forms a strong char that prevents the passage of flame, smoke, and hot gases between control joints. Can be used with plastic pipe penetrations. Metacaulk Joint Strips are ideal for stadium construction, tilt up panels, curtain wall panels and all concrete and masonry construction joint applications where a fire rated control joint is required. Can be used with any UL listed sealant.



### Applications

Install Metacaulk Joint Strip along with any normal backer rod, cover it with approved architectural caulk or sealant, and you have a fire rated control joint. No longer do you need to use firestop caulks that are difficult to install and impossible to paint over. No need for mineral wool or expensive, difficult to install backing materials. Metacaulk Joint Strip has the capability for 1, 2, 3 and 4 hour assembly ratings, refer to the UL systems for specific installation instructions.

### Characteristics | Features

- Easy to install
- Versatile, flexible
- Highly intumescent (multiple staged)
- Forms a strong char to prevent passage of flame, smoke and hot gases

### Packaging

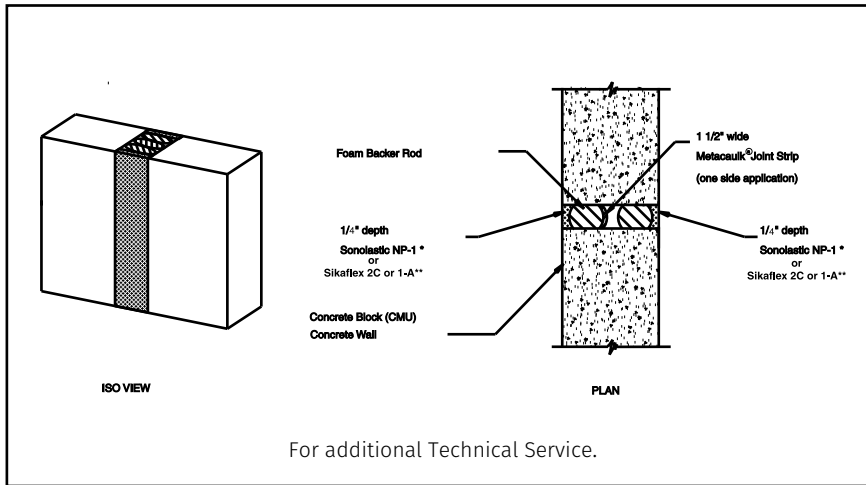
Code	Size	Qty. per Case	Dimensions (in)	Cubic Feet
66700	1"x82'	6	10x10x10	.58
66701	1.5"x82'	4	10x10x10	.58
66702	2.5"x82'	4	10x10x10	.58
66703	3"x82'	2	10x10x10	.58
66704	2"x82'	3	10x10x10	.58
66705	4"x82' w/ adhesive backing	2	10x10x10	.58



### DURMAST CO., LTD.

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## Installation Data



For additional Technical Service.

## Material Properties

Carcinogenic Fillers	None
Solvents	None
Color	Dark Gray

ASTM E 84, UL 723 Tunnel Test  
ASTM E 1966, UL 2076

Flame Spread	5
Smoke Index	5

**Step 1** Clean all surfaces in joint area to remove loose debris, dirt, oil, wax, grease, old caulking, etc.

**Step 2** For floor applications, install a separate base section of backer rod recessed approximately 2" down from the top of the floor. Bend and friction fit Metacaulk® Joint Strip longitudinally into joint using the backer rod as the transport mechanism. Push into joint far enough to accommodate the required depth of caulk.

**Step 3** Gun, trowel, or pump approved sealants to minimum 1/4" depth on both sides of wall or top of floor over the backer rod.

**Step 4** Trowel sealant to the desired finish. See tested UL systems for complete installation instructions.

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## Testing Data

Metacaulk® Joint Strip is UL Classified and tested to UL 2079.

Degree of intumescence per DIN standard  
 ≥18x with weight imposed  
 ≥ 37x free intumescing



Tested to CAN/ULC-S115 (Fire Tests of Firestop Systems) test standards. Complies to Required Environmental Exposure Testing of Accelerated Aging and High Humidity as per UL 1479 Fire Test of Through-Penetration Firestops.

Class II and III Movement 25% compression & extension

## Inspection & Repair

RectorSeal recommends that a firestop system inspection be conducted during installation of the material in accordance with ASTM E2174 and ASTM E2393. In the event post-installation inspection and destructive sampling is necessary, RectorSeal advises repairing the damaged firestop system by replacing any material that was removed or damaged with the same product originally installed, and ensuring the assembly matches the original firestop listing. RectorSeal advises, that due to the chemical nature of firestop products and sealants, material depth should be determined by measuring the points of adhesion at the substrate bond area as sealants may decrease in size during the curing process.



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## Storage & Handling

Metacaulk Joint Strip should be stored between 35°F (2°C) and 120°F (49°C). Keep products stored under protective cover, in their original containers. A stock rotation program is recommended. Shelf life of the product is indefinite.

## Limitations

To be used only in the tested configurations or as recommended by RectorSeal.

## Cautions

### FOR CHEMICAL EMERGENCY, SPILL, LEAK, FIRE, EXPOSURE OR ACCIDENT.

**PRECAUTIONS:** Do not take internally. May be harmful if swallowed. May cause eye and skin irritation if prolonged or repeated contact occurs. Wash after handling. **FIRST AID:** For any overexposure, get immediate medical attention after first aid is given. **EYES-**Flush 15 minutes with clean water. **SKIN-**Wash with soap and water. **INHALATION-**Remove to fresh air. **INGESTION-**Only if conscious, give large amounts of water and INDUCE VOMITING. **FIRE AND SPILLS:** Use water fog, CO<sub>2</sub>, foam, or dry chemicals. Wipe up spills to prevent footing hazard. Clean up with scrapers and water. **STORAGE AND HANDLING:** Store away from heat sources. Keep container closed. Do not reuse empty container. **KEEP OUT OF REACH OF CHILDREN.**

For additional information, refer to Safety Data Sheet.

## Limited Warranty

RectorSeal, LLC makes the Limited Express Warranty that when the instructions for storage and handling of our products are followed we warrant our products to be free from defects. THIS LIMITED EXPRESS WARRANTY IS EXPRESSLY IN LIEU OF ANY OTHER EXPRESS OR IMPLIED WARRANTIES, INCLUDING ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE, AND OF ANY OTHER OBLIGATION ON THE PART OF RectorSeal, LLC. The sole remedy for breach of the Limited Express Warranty shall be the refund of the purchase price. All other liability is negated and disclaimed, and RectorSeal, LLC shall not be liable for incidental or consequential damages.



Manufactured by **RectorSeal® LLC • 2601 Spenwick Drive, Houston, TX 77055, USA • 800-231-3345 • Fax 800-441-0051 • RectorSeal.com**

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