

## SELECTION & SPECIFICATION DATA

<b>Generic Type</b>	Single component silicone caulk
<b>Description</b>	A primerless single component silicone sealant. The sealant cures to a durable, flexible, silicone rubber when exposed to atmospheric moisture.
<b>Features</b>	<ul style="list-style-type: none"> <li>• Exterior rated - designed for use on terminations of Pyrocrete<sup>®</sup> fireproofing materials.</li> <li>• Durable finish - provides tough, flexible, watertight bond with most construction materials.</li> <li>• Easy application</li> <li>• VOC compliant</li> <li>• Wide application range - material may be applied over wide temperature range, 0°F to 120°F (-18°C to 50°C).</li> </ul>
<b>Color</b>	Grey
<b>Finish</b>	Smooth Acrilast Caulk is designed to tool easily in a wide range of application temperatures.
<b>Theoretical Coverage Rates</b>	10.3 oz. tube will cover 20 linear feet using a 1/2" bead.
<b>VOC Values</b>	<b>As Supplied</b> : 0.69 lbs/gallon (82 g/l)
<b>Limitations</b>	<ul style="list-style-type: none"> <li>• Do not use where abrasion or physical abuse is anticipated.</li> <li>• Installation in confined or airfree spaces may inhibit cure.</li> <li>• Silicones may be painted, but movement of the silicone may cause the paint film to crack and peel. We recommend the sealant be applied after painting is completed.</li> <li>• Do not apply to surfaces that will be in direct contact with food.</li> <li>• Do not apply to surfaces with special protective or cosmetic coatings without consulting Carboline Technical Service and testing adhesion prior to application.</li> <li>• Acrilast Caulk has been tested in a wide, range of firestop joint and through-penetration system geometries.</li> <li>• Excessive thickness may cause sealant failure.</li> </ul>

## SUBSTRATES & SURFACE PREPARATION

<b>General</b>	All surfaces must be clean and free of all foreign matter and contaminants such as oil, dust, grease, frost, water, surface dirt, old sealants, glazing compounds, protective coatings, etc.
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## PERFORMANCE DATA

Test Method	System	Results
ASTM C920 Elastomeric Joint Sealant	Acrilast	Type S, Grade NS, Class 25, Use - NT, G, A, M
ASTM D2240 Hardness	Acrilast	Shore A - 12
ASTM D412 Elongation	Acrilast	600%
Density	Acrilast	70 pcf
Shrink Factor	Acrilast	Negligible
Tear Strength	Acrilast	3.5 Kn/m (20 ppi)

\*All values derived under controlled laboratory conditions.

### APPLICATION PROCEDURES

**General** | Priming is generally not required. It is recommended to apply a test sample of sealant be applied on the surface to test adhesion.  
Areas adjacent to openings can be masked to assure a neat appearance. The masking tape should not be allowed to touch the clean surfaces to which the silicone is to adhere. Remove masking tape immediately after application.  
Apply Acrilast Caulk in a continuous operation to fill and seal the opening. Tool the sealant to spread it evenly against the backup material and the opening surfaces. Working time for tooling and smoothing the surface is approximately 5 minutes @ 77°F (25°C).

### APPLICATION CONDITIONS

Condition	Material	Surface	Ambient	Humidity
Minimum	70°F (21°C)	0°F (-18°C)	0°F (-18°C)	0%
Maximum	90°F (32°C)	120°F (49°C)	120°F (49°C)	85%

\*Steel surface temperature should be a minimum of 5°F (3°C) above the dew point.

### CURING SCHEDULE

Surface Temp.	Cure Time	Dry to Touch	Final Cure	Ultimate Physical Characteristics
77°F (25°C)	48 Hours	60 Minutes	7 Days	21 Days

\*For optimum curing, it is recommended to apply one bead at 1/4" thickness (excessive thickness may cause sealant failure)

### CLEANUP & SAFETY

**Cleanup** | Excess sealant should be dry wiped from the surface while still uncured, followed with a commercial solvent such as xylol, toluol or MEK. Cured sealant is very difficult to remove without altering or damaging the surface to which the sealant has been misapplied.

**Safety** | Follow all safety precautions on the Acrilast Caulk Material Safety Data Sheet. Upon direct contact, uncured sealant may irritate eyes. If exposed, flush with water and call a physician. Avoid prolonged contact with skin. Keep out of reach of children.

**Ventilation** | In enclosed areas, ventilation shall not be less than 4 complete air exchanges per hour until the material is dry.

### PACKAGING, HANDLING & STORAGE

**Packaging** | 10.3 oz. (304 ml) tubes. Sold in cartons of 12 tubes.

**Shelf Life** | 12 months  
\*Shelf Life: (actual stated shelf life) when kept at recommended storage conditions and in original unopened containers.

**Storage** | Store indoors in a dry environment between 32°F - 90°F (0°C - 32°C).  
Storage outside of this range will result in damage to the Acrilast caulk and render it unusable.

**Shipping Weight (Approximate)** | 8 lbs. per carton



## **WARRANTY**

To the best of our knowledge the technical data contained herein is true and accurate on the date of publication and is subject to change without prior notice. User must contact Carboline Company to verify correctness before specifying or ordering. No guarantee of accuracy is given or implied. We guarantee our products to conform to Carboline quality control. We assume no responsibility for coverage, performance, injuries or damages resulting from use. Carbolines sole obligation, if any, is to replace or refund the purchase price of the Carboline product(s) proven to be defective, at Carbolines option. Carboline shall not be liable for any loss or damage. NO OTHER WARRANTY OR GUARANTEE OF ANY KIND IS MADE BY CARBOLINE, EXPRESS OR IMPLIED, STATUTORY, BY OPERATION OF LAW, OR OTHERWISE, INCLUDING MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. All of the trademarks referenced above are the property of Carboline International Corporation unless otherwise indicated.