



WHERE QUALITY, SERVICE & INTEGRITY MEET.

*Phone (219)310-8645 Fax (219)662-0410 Email: [info@heartland-adhesives.com](mailto:info@heartland-adhesives.com)*

## **FAS-LOK 565** **Anaerobic Pipe Sealant**

**FAS-LOK 565** is designed for locking and sealing metal threaded pipe joints. It is suitable for gas, LP gas, compressed air, gasoline, oil, CFC, potable water, and many other industrial fluids. The product cures when confined in the absence of air between close fitting metal surfaces and prevents loosening and leakage from shock and vibration.

### **Physical Properties:**

|                   |                        |
|-------------------|------------------------|
| Composition:      | Anaerobic Methacrylate |
| Color:            | White to Ivory         |
| Viscosity:        | 17,000-50,000          |
| Specific Gravity: | 1.05                   |
| Flash Point:      | > 100 C°               |
| Solvent Content:  | None                   |
| Shelf Life:       | 1 year @ 72°F          |

### **Curing Properties:**

|                       |                                     |
|-----------------------|-------------------------------------|
| Handling Cure Time:   | 20-40 minutes                       |
| Functional Cure Time: | 1-3 hours                           |
| Full Cure Time:       | 10 hours                            |
| Temperature Range     | -55 to 150°C                        |
| Shear Strength        | 4-6 N/mm <sup>2</sup> (ASTM D-1002) |
| Tensile Strength      | 3-5 N/mm <sup>2</sup> (ASTM D-2095) |
| Locking Torque*       |                                     |
| Breakaway             | 7-10 N.m                            |
| Prevailing            | 2-4 N.m                             |

**Note:** Tests indicate that the product can resist temperatures up to 200°C for short periods while continuing to keep sealing properties.

## **Chemical Resistance:**

| <b>Chemical</b> | <b>Temp.</b> | <b>% Initial Strength Retained</b> |                   |
|-----------------|--------------|------------------------------------|-------------------|
|                 |              | <b>500 hours</b>                   | <b>1000 hours</b> |
| Motor Oil       | 87 °C        | 100                                | 100               |
| Gasoline        | 22 °C        | 100                                | 100               |
| Brake Fluid     | 22 °C        | 100                                | 90                |
| Water/Glycol    | 87 °C        | 90                                 | 80                |

## **Application Method:**

Surfaces should be dry, clean, and free of any contamination. Fill the “inner space” of the male threads with **FAS-LOK 565**.

## **Storage:**

Anaerobic adhesives shall be ideally stored in a cool, dry place in unopened containers at a room temperature between 46 °F to 70 °F. Please do not return any unused material to its original container.

The data contained herein are furnished for information only and are believed to be reliable. We cannot assume responsibility for the results obtained by others over whose methods we have no control. It is the user's responsibility to determine suitability for the user's purpose of any production methods mentioned herein and to adopt such precautions as may be advisable for the protection of property and of persons against any hazards that may be involved in the handling and use thereof. In light of the foregoing, Heartland Adhesives, Inc. specifically disclaims all warranties expressed or implied, including warranties of merchantability or fitness for a particular purpose, arising from sale or use of Heartland Adhesives, Inc. products. Heartland Adhesives, Inc. specifically disclaims any liability for consequential or incidental damages of any kind, including lost profits. We recommend that each prospective user test his proposed application before repetitive use, using this data as a guide.