



# CASING SPACER

Casing Spacer is a unidirectional fiberglass sleeve sized for a specific pipe diameter to isolate pipe in casings. Casing Spacers are an extremely robust solution that eliminates traditional integrity issues that can occur when pipes are pulled through casings, protecting the pipe and coating from damage, preventing casing to pipe contact, and reducing construction time and future maintenance costs.

## APPLICATIONS

- › Microtunneling
- › Any type of line pulling activity: highway, railroad, and creek crossings
- › Bundled pulls

## COMPLIANT WITH:

(standards/regulations)

- › US DOT CFR 192 and 195
- › CSA Z662
- › ASME PCC-2 Article 401
- › ISO 24817



## BENEFITS:

- › Reduces pulling friction due to high lap shear strength of the methylmethacrylate adhesive
- › Each Casing Spacer unit can be installed in less than thirty minutes and cured/pulled within two hours after the last unit is installed
- › Any abrasion during the pipe pull occurs at the outer layer of the sleeve instead of the coating of the carrier pipe
- › No environmental hazards or hot work permit required
- › Resistance to sliding prevents spacer bunching and cathodic protection shorts

# **CASING SPACER**

## **QUALIFICATION DATA**

<b>PROPERTIES</b>	<b>VALUE</b>
Nominal Thickness	0.065 inch (1.6 mm)
Tensile Strength	2,000 – 2,250 psi (13.8 MPa – 15.5 MPa)
Modulus	35,000 - 50,000 psi (241.3 MPa – 344.7 MPa)
Lap Shear Strength	>1,200 psi (8.27 MPa)
Service Temperature	180°F (82°C)
Compressive Strength	>12,500 psi (86.18 MPa)
Max Temperature	201°F (94°C)
Shelf Life	12 months
Storage	Do not freeze. Shelf life is based on continuous <b>storage between 50°F (10°C) and 72°F (22°C)</b> . Long term exposure above 72°F (22°C), will reduce the shelf life of these materials. Prolonged exposure above 95°F (35°C) quickly diminishes the reactivity of the product and should be avoided. Keep container tightly closed (do not open until ready to use). For industrial use only.

**WARRANTY** CSNRI routinely implements product improvements. Please contact your local distributor or office for the most current product specifications. CSNRI warrants the quality of this product when used according to directions.

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**ISO 9001 Certified**

### **LIBERTY SALES & DISTRIBUTION**



**PHONE:** (877) 373-0118  
**FAX:** (888) 850-3787  
**EMAIL:** [sales@libertysales.net](mailto:sales@libertysales.net)  
**WEB:** [www.libertysales.net](http://www.libertysales.net)

