



# Hose and Hydraulic Line Protection

## Meeting Your Needs

- A range of products providing:
  - Exceptional abrasion resistance
  - Thermal protection
- Solutions with operating temperatures ranging from -70°C to +400°C (-94°F to +752°F)
- Easy installation
- Comprehensive range of sizes
- Fluid resistant

For more information on these products, contact:

Clean Seal, Inc.  
20900 W Ireland Road  
South Bend, IN 46614  
(574) 299-1888












Our manufacturing sites are certified ISO 9001, ISO/TS 16949, or AS/EN 9100, and ISO 14001

HOSE/HYD\_NA\_10232018



ISO 9001:2015

Thermal Management	
 <b>Thermal Reflective Sleeve</b>	<ul style="list-style-type: none"> <li>• Convective Heat Protection up to +200°C (+392°F)</li> <li>• Excellent protection against radiant heat</li> <li>• Tubular construction with no sew line</li> <li>• Low profile</li> </ul>
 <b>Therm-L-Wrap™</b>	<ul style="list-style-type: none"> <li>• Convective Heat Protection up to +200°C (+392°F)</li> <li>• Self-wrapping design</li> <li>• Flexible</li> <li>• Fluid and chemical resistant</li> </ul>
 <b>Industrial Fyrejacket®</b>	<ul style="list-style-type: none"> <li>• Operating temperature -54°C to +260°C (-65°F to +500°F)</li> <li>• Fire protection 15 mins. up to +1100°C &amp; 30 mins. up to +800°C</li> <li>• Protects components in extreme temperatures from molten splashes</li> <li>• Highly flexible</li> </ul>
 <b>Clevaflex® F-A</b>	<ul style="list-style-type: none"> <li>• Operating temperature up to +400°C (+752°F)</li> <li>• Tubular and wrappable constructions</li> <li>• Flexible and crimpable</li> <li>• Maintains shape and circular profile when bent</li> </ul>

Abrasion Protection	
 <b>ProGard®</b>	<ul style="list-style-type: none"> <li>• Operating temperature -70°C to +125°C (-94°F to +257°F)</li> <li>• Enhanced abrasion resistance</li> <li>• High coverage for maximum protection</li> <li>• Fluid resistant</li> </ul>
 <b>ProGard® Wrap</b>	<ul style="list-style-type: none"> <li>• Operating temperature up to +125°C (+257°F)</li> <li>• Hook and loop closure for quick and easy installation</li> <li>• Dense construction for enhanced abrasion protection</li> <li>• Extends service life of protected hoses</li> </ul>
 <b>ROUNDIT® 2000</b>	<ul style="list-style-type: none"> <li>• Operating temperature from -70°C up to +125°C (-94°F to +257°F)</li> <li>• Self-wrapping design for ease of installation</li> <li>• Easy to remove for maintenance</li> <li>• Smooth texture and appearance</li> </ul>
 <b>Expando® DM</b>	<ul style="list-style-type: none"> <li>• Operating temperature -70°C to +125°C (-94°F to +257°F)</li> <li>• Outstanding protection against abrasion and cut-through</li> <li>• Does not trap heat or humidity</li> <li>• Self-fitting over many shapes and sizes</li> </ul>
 <b>Silicone Tapes (Supported or unsupported)</b>	<ul style="list-style-type: none"> <li>• Operating temperature -55°C to +260°C (-67°F to +500°F)</li> <li>• Local protection &amp; fitting on sleeve</li> <li>• Open solution compatible with ROUNDIT® 2000</li> <li>• Ideal for retrofit &amp; maintenance</li> </ul>

For more information on these and other Clean Seal, Inc. products, please contact us.

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