

# OIL & GAS REFINERIES



# MINING



**electri-flex**

**liquatite**<sup>®</sup>

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**Oil & Gas Refineries and Mining** | *Electri-Flex Company offers a range of products ideal for Oil & Gas Refineries, Mining installations and related equipment. Flexible conduit offering Extreme Temperature, Halogen-Free, UL and CSA listings are all available for various applications in these industries. Flexible metal conduits accept standard liquidtight fittings.*

<b>TYPE ZHLA</b> <i>HALOGEN-FREE</i>	<b>DESCRIPTION:</b>	<b>FEATURES &amp; BENEFITS:</b>
	<p>Zero-halogen, low smoke, low flame spread jacketed metallic flexible liquidtight conduit. The core is made from a heavy-gauge, hot-dipped galvanized steel while the jacket is made from specially formulated thermoplastic polyurethane.</p>	<ul style="list-style-type: none"> <li>• Polyurethane jacketing offers excellent flame resistance and low smoke and toxicity generation characteristics.</li> <li>• The heavy-gauge steel core provides high mechanical strength for added durability.</li> <li>• Resistant to ozone, hydrocarbons, moderate chemicals, oils and fuels.</li> <li>• Working Temperatures: CSA: -40°C to 60°C Dry / Oil and UL listed: -40°C to 80°C Air / 60°C Wet / 70°C Oil.</li> <li>• <b>Now available with a stainless steel core, see Type ZHSS.</b></li> </ul>
	<p>CSA Certified jacketed metallic flexible liquidtight conduit. The core is made from a heavy-gauge, corrosion-resistant, hot-dipped galvanized steel while the jacket is made of a durable, flame retardant PVC offering good flexibility and impact resistance at low temperatures.</p>	<ul style="list-style-type: none"> <li>• PVC jacketing offers flame retardant properties.</li> <li>• Working temperatures of: -40°C to 75°C.</li> <li>• The heavy-gauge steel core provides high mechanical strength for added durability.</li> <li>• Resistant to moderate chemicals, oils, acids and fuels.</li> </ul>
	<p>A non-UL jacketed metallic flexible liquidtight conduit offering a zero-halogen jacket that is virtually unaffected by temperature extremes. The core is made from a spiral-wound strip of corrosion-resistant plated steel.</p>	<ul style="list-style-type: none"> <li>• Thermoplastic rubber jacket is halogen-free and is resistant to moderate chemicals, oils and fuels.</li> <li>• It offers a flammability rating of UL 94-HB and is UV stabilized.</li> <li>• Largest temperature range: -60°C to 150°C intermitting to 165°C.</li> <li>• Small bend radius.</li> <li>• <b>Now available with a stainless steel core, see Type ATXSS.</b></li> </ul>
	<p>A Liquidtight flexible steel conduit designed specifically for extreme hot or cold environments. Its flexible inner core is made from a spiral-wound strip of heavy gauge, hot-dipped galvanized steel.</p>	<ul style="list-style-type: none"> <li>• The jacketing material is a rugged flame-retardant flexible PVC resistant to weathering, UV, oils and many chemicals.</li> <li>• Working Temperatures: <ul style="list-style-type: none"> <li>○ UL listed: -55°C to 105°C Air / 60°C Wet / 70°C Oil.</li> <li>○ CSA certified: -50°C to 105°C Dry / 75°C Oil.</li> </ul> </li> <li>• The heavy-gauge steel core provides high mechanical strength for added durability.</li> </ul>
	<p>Nonmetallic flexible liquidtight conduit that is manufactured from two layers of flexible PVC that are reinforced by a nylon mesh to add mechanical strength.</p>	<ul style="list-style-type: none"> <li>• PVC jacketing offers a high-quality, flame-retardant compound that resists oils, mild acids and exposure to sunlight.</li> <li>• Because it has no metal core, it works well in continuous flexing applications.</li> <li>• Resilient to crushing.</li> <li>• Uses Type A Connectors</li> <li>• Extreme Temperature Range: -55°C through 105°C</li> </ul>