







# Stainless Steel Flexible Conduit

TYPES LSSFG - LTSS - ZHSS - ATXSS - ATSS - UNJACKETED SSL



		Product Type					
		LSSFG	LTSS	ZHSS	ATXSS	ATSS	UNJACKETED SSL
Product Types	Jacketed Metallic	•	•	•	•	•	
	Unjacketed						•
Product Features	Acid Resistant	•	•			•	
	CE	•	•	•	•	•	
	Corrosion-Resistant	•	•	•	•	•	•
	Food Grade	•					
	High Mechanical Strength	•	•	•	•	•	•
	High/Low Temperature				•	•	
	Liquidtight	•	•	•	•	•	
	Low Fire Hazard			•			
	Oil Resistant	•	•	•	•	•	
	Polyurethane (PU)			•			
	PVC	•	•			•	
	RoHS / WEEE	•	•	•	•	•	•
	Self-Extinguishing			•		•	
	Stainless Steel	•	•	•	•	•	•
	Standard Liquidtight Fittings	•	•	•	•	•	
Sunlight Resistant	•	•	•	•	•		
Thermoplastic Rubber (TPR)				•			
Zero-Halogen			•	•			

<b>TYPE LSSFG</b>	<b>FEATURES &amp; BENEFITS:</b> Working Temperature: -20°C to 60°C
 <b>Food Grade</b>	<ul style="list-style-type: none"> <li>• <b>Core:</b> corrosion-resistant continuous strip of 316L Stainless Steel</li> <li>• <b>Jacket:</b> flexible PVC made from an FDA-approved compound</li> <li>• Formulated for “Splash Zone” food and beverage contact</li> <li>• Meets FDA CFR21 and NSF 51/61 requirements; Certified Component for NSF/ANSI 169 special purpose food equipment.</li> <li>• Resistant to Sodium Hypochlorite (Bleach) and will not promote bacteria growth.</li> <li>• Standard color is a clear jacketing; other colors available upon request; standard sizes 3/8” - 2”.</li> </ul>
<b>TYPE LTSS</b>	<b>FEATURES &amp; BENEFITS:</b> Working Temperature: -20°C to 80°C
 <b>Industrial Grade</b>	<ul style="list-style-type: none"> <li>• <b>Core:</b> corrosion-resistant continuous strip of 304L Stainless Steel</li> <li>• <b>Jacket:</b> flexible PVC</li> <li>• Designed for a variety of installations requiring motion, vibration and bending;</li> <li>• Resistant to UV and oils.</li> <li>• Standard color is machine tool gray; also available with a clear jacketing; other colors available upon request; standard sizes 3/8” - 4”.</li> </ul>
<b>TYPE ZHSS</b>	<b>FEATURES &amp; BENEFITS:</b> Working Temperature: -40°C to 80°C
 <b>Halogen-Free</b>	<ul style="list-style-type: none"> <li>• <b>Core:</b> corrosion-resistant continuous strip of 316L Stainless Steel</li> <li>• <b>Jacket:</b> Zero-Halogen polyurethane jacketing that provides low smoke, low fire hazard, low toxicity, and self-extinguishing characteristics.</li> <li>• Designed for applications where safety concerns exist regarding a material’s reaction in a fire.</li> <li>• Resistant to UV, ozone, hydrocarbons, and moderate chemicals and oils.</li> <li>• Standard color is a black jacketing; other colors available upon request; standard sizes 3/8” - 4”.</li> </ul>
<b>TYPE ATXSS</b>	<b>FEATURES &amp; BENEFITS:</b> Working Temp: -60°C to 150°C (Intermitting to 165°C)
 <b>Extreme Temperature</b>	<ul style="list-style-type: none"> <li>• <b>Core:</b> corrosion-resistant continuous strip of 316L Stainless Steel</li> <li>• <b>Jacket:</b> Flexible Thermoplastic Rubber jacketing that provides a halogen-free, UV stabilized, extreme high/low temperature range, with a flame rating of UL94-HB.</li> <li>• Designed for corrosive applications in extreme high / low temperature environments.</li> <li>• Resistant to UV, oils, and mild acids.</li> <li>• Standard color is a black jacketing; other colors available upon request; standard sizes 3/8” - 4”.</li> </ul>
<b>TYPE ATSS</b>	<b>FEATURES &amp; BENEFITS:</b> Working Temp: -55°C to 105°C (Intermitting to 120°C)
 <b>All Temperature</b>	<ul style="list-style-type: none"> <li>• <b>Core:</b> corrosion-resistant continuous strip of 316L Stainless Steel</li> <li>• <b>Jacket:</b> Flexible PVC jacketing that provides a high/low temperature range.</li> <li>• Designed for corrosive applications in high / low temperature environments.</li> <li>• Resistant to UV, oils, and mild acids.</li> <li>• Standard color is a machine tool gray; standard sizes 3/8” - 4”.</li> </ul>
<b>UNJACKETED TYPE SSL</b>	<b>FEATURES &amp; BENEFITS:</b>
 <b>Unjacketed</b>	<ul style="list-style-type: none"> <li>• <b>Core:</b> corrosion-resistant continuously spiral wound, square locked 304L. Also available in 316L Stainless Alloy, minimum order quantities will apply.</li> <li>• Designed for corrosive applications that do not require a jacket.</li> <li>• Extra flexible for tight bend applications.</li> <li>• Available in 3/16” - 3”.</li> </ul>

**For more information, contact us at 215-221-1200 or  
advisors@royalelectric.com**