

Zero-Halogen Flexible Liquidtight Conduit

electri-flex

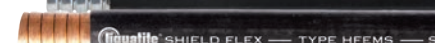
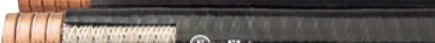


Low Fire Hazard solution for applications that require limiting toxic materials of combustion.

Low Flame Spread | Low Smoke | Self-Extinguishing | No Halogens



		ZHLA	ZHSS	CEA	ACEA	HFSLA	HFEMS	HFEMCS	CLFR
Features	Acid Resistant	•	•	•	•	•	•	•	
	CE Conformance	•	•	•	•	•	•	•	
	Continued Flexing								•
	Corrosion-Resistant		•		•				•
	Direct Burial Listed	•				•			
	High Mechanical Strength	•	•			•			
	High / Low Temperature								•
	Oil Resistant	•	•	•	•	•	•	•	•
	RoHS / WEEE	•	•	•	•	•	•	•	•
	Small Bend Radius								•
	Std. Liquidtight Fittings	•	•	•	•	•	•	•	
	Sunlight (UV) Resistant	Best	Best	Best	Best	Best	Best	Best	Good
Markets	UL Listed / CSA Certified	UL SP				UL			
	Bridges / Tunnels	•	•						
	Data Centers	•				•			
	Defense	•	•			•	•	•	
	Elevators	•							
	Heating & Cooling Eqpt.	•	•	•	•	•	•	•	
	Hospitals / Healthcare	•	•	•	•				
	Mining	•							
	Oil & Gas	•		•					
	Power Plants	•							
	Rail / Transit	•	•	•	•				•
	Shipbuilding					•	•	•	
	Steel Mills	•	•	•					

TYPE ZHLA	FEATURES & BENEFITS: Working Temp: UL -40°C to 80°C Air/60°C Wet/70°C Oil CSA -40°C to 60°C Dry/60°C Oil		
 HALOGEN-FREE  	• Core: hot dipped galvanized steel • Jacket: zero-halogen polyurethane • UL Listed / CSA Certified • Standard color is black, other colors available upon request; standard sizes 3/8" - 4"	Data Center Solution  	
TYPE ZHSS	FEATURES & BENEFITS: Working Temperature: -40°C to 80°C		
 HALOGEN-FREE STAINLESS STEEL	• Core: corrosion-resistant continuous strip of 316L Stainless Steel • Jacket: zero-halogen polyurethane • Standard color is a black jacketing, other colors available upon request; standard sizes 3/8" - 4"		
TYPE CEA	FEATURES & BENEFITS: Working Temperature: -40°C to 80°C		
 HALOGEN-FREE	• Core: corrosion-resistant plated steel • Jacket: zero-halogen polyurethane • Standard color is black and gray with other colors available upon request; standard sizes 3/8" - 6"		
TYPE ACEA	FEATURES & BENEFITS: Working Temperature: -40°C to 80°C		
 HALOGEN-FREE ALUMINUM	• Core: corrosion-resistant aluminum • Jacket: zero-halogen polyurethane • Standard color is black and gray with other colors available upon request; standard sizes 3/8" - 4"		
TYPES HFSLA HFEMS HFEMCS	FEATURES & BENEFITS: Working Temperature: -40°C to 80°C		
   HALOGEN-FREE SHIELDED	• HFSLA: Good Shielding,  Listed, made with a hot dipped galvanized steel core with a shielded tinned copper braid under a polyurethane jacketing [-40°C to 80°C Air/60°C Wet/70°C Oil] • HFEMS: Better Shielding, made with a bronze core under a polyurethane jacketing • HFEMCS: BEST Shielding, made with a bronze core and a shielded tinned copper braid under a polyurethane jacketing		
CORRLOK® TYPE CLFR	FEATURES & BENEFITS: Working Temp: -40°C to 105°C intermitting to 150°C		
 HALOGEN-FREE NON-METALLIC	• Construction: made from a specially compounded homogenous flame retardant, halogen-free nylon 6 material and corrugated for flexibility and strength • Self-extinguishing, low smoke and low toxicity • Type CLFR is intended to be used only with the CF series of the Corrllok/Reiku System connectors and adapters. Standard color is black; standard sizes 1/4" - 1-1/2"		

Combustion & Flammability	Test	Value: ZHLA, ZHSS, CEA, ACEA, HFSLA, HFEMS, HFEMCS	Value: CLFR
Vertical Burn (Material)	UL94	V-0 Rating; No Flaming Drips	V-0 Rating; No Flaming Drips
Vertical Burn (Conduit)	UL360	Pass; No Flaming Drips	Pass; No Flaming Drips
Oxygen Index %	D2863	28.5	-
Flame Spread Index	ASTM E162	25; No Flaming Drips	1.0; No Flaming Drips
Smoke Generation (Flaming)	ASTM E662 (NFPA 258)	Ds 41@1.5 Min/Ds 113@4.0 Min	Ds 35@1.5 Min/Ds 85@4.0 Min
Smoke Generation (Non-Flaming)	ASTM E662 (NFPA 258)	Ds 4@1.5 Min/Ds 19@4.0Min	Ds 5@1.5 Min/Ds 24@4.0Min
Toxic Gas Generation	Bombardier SMP 800-C	Pass	Pass
Toxicity Index	NES 713	3.9	-

Test data is based on controlled laboratory conditions and does not necessarily reflect performance in actual fire conditions. Additional product information available upon request.