

# Type CLFR

Part of the **CORRLOK® / Reiku Nylon System**, as well as the **Zero-Halogen product families**.

CLFR is a Low Fire Hazard nonmetallic nylon corrugated Mechanical Protection Tubing (MPT) designed for the support and routing of conductors and cables.



## Construction:

- Made from a specially compounded homogenous flame retardant, halogen-free nylon 6 material
- Self Extinguishing – Low Smoke – Low Toxicity
- Corrugated for flexibility and strength
- Resistant to alcohol, grease, mineral oil, diesel oil, weather, sunlight (UV), and more (consult factory for the full list)

## Application:

- Intended to be used to interconnect separate component assemblies or consoles of electrical devices
- Railway / Public Transit
- Tunnels and Subways
- Wire Harnesses

## Fittings:

Type CLFR is intended to be used only with the CF series of the CORRLOK® / Reiku System connectors and adapters.

# Combustion & Flammability Properties

### COMBUSTION & FLAMMABILITY

Vertical Burn (Material)  
 Vertical Burn (Conduit)  
 Flame Spread Index  
 Smoke Generation (Flaming)  
 Smoke Generation (Non-Flaming)  
 Toxic Gas Generation

### TEST

UL94  
 UL360  
 ASTM E162  
 ASTM E662 (NFPA 258)  
 ASTM E662 (NFPA 258)  
 BOMBARDIER SMP 800-C

### VALUE

V-0 Rating; No Flaming Drips  
 Pass; No Flaming Drips  
 1.0; No Flaming Drips  
 Ds 35@1.5 Min/Ds 85@4.0 Min  
 Ds 5@1.5 Min/Ds 24@4.0 Min  
 Pass

## Product Information

### CERTIFICATIONS & COMPLIANCE

 **WEEE and RoHS Compliant**

### STANDARD COLORS

Black

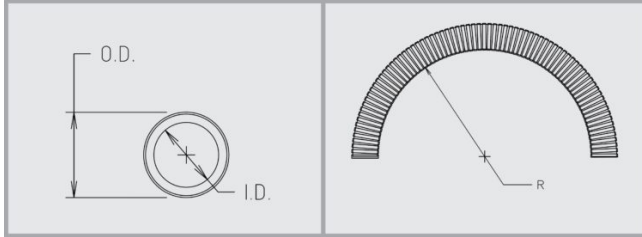
### WORKING TEMPERATURES:

-30°C to 105°C Intermittent to 150°C

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

## Markets:

Aerospace, Rail/Transit, Renewable Energy



## Product Table

U.S. Trade Size	MM	NW	Type	Reiku	Nominal Dimensions		Inside Static Bend Radius	Weight	Standard Length	
					Black	Inside (in)			Outside (in)	In.
5/16"	12	10	CLFR-516		0.354	0.512	1.0	3	100	84911
3/8"	16	12	CLFR-10	PA R B B-12F	0.465	0.622	1.2	3	100	85001
1/2"	20	17	CLFR-11	PA R B B-17F	0.610	0.835	1.4	6	100	85011
3/4"	25	23	CLFR-12	PA R B B-23F	0.839	1.122	1.8	9	100	85021
1"	32	29	CLFR-13	PA R B B-29F	1.055	1.358	1.6	13	50	85031
1-1/4"	40	36	CLFR-14	PA R B B-36G	1.386	1.673	2.4	16	50	85041
1-1/2"	50	48	CLFR-15	PA R B B-48G	1.811	2.146	2.8	19	50	85051

### related products



## Type CLR

CLR is a nonmetallic nylon corrugated Mechanical Protection Tubing (MPT) designed for the support and routing of conductors and cables.

[see product detail »](#)



## Type CL

CL is a nonmetallic UL Recognized nylon corrugated Mechanical Protection Tubing (MPT) designed for the support and routing of conductors and cables. It is used as a UL / CSA component within OEM equipment.

[see product detail »](#)



## Type CF & CFF Straight

### Connectors

Type CF and CFF nonmetallic straight connectors are UL Recognized and intended to be used with Corrllok corrugated nylon Mechanical Protection Tubing (MPT) Types CL, CLR and CLFR. They are used as a UL / CSA component within OEM equipment.

[see product detail »](#)

## Type CF & CFF 90 Degree

### Connectors

Type CF and CFF nonmetallic 90° connectors are UL Recognized and intended to be used with Corrllok corrugated nylon Mechanical Protection Tubing (MPT) Types CL, CLR and CLFR. They are used as a UL / CSA component within OEM equipment.

[see product detail »](#)