

Furcation Tubing

AFL Furcation tubing offerings reflect the high performance and quality standards present throughout AFL's complete cordage line. The inner tube allows for smooth and easy fiber insertion while maintaining the integrity required for robust connectorization.

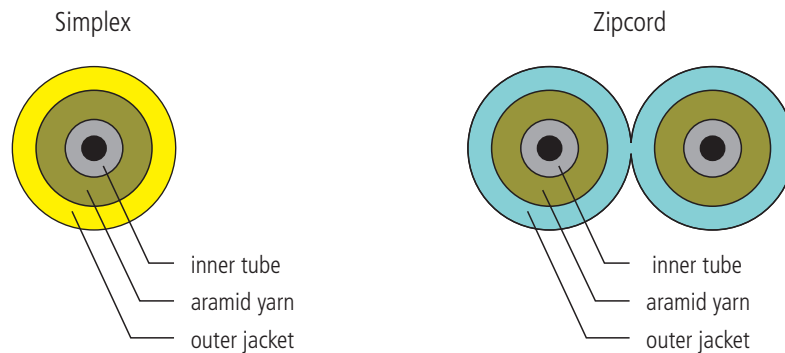
Features

- Standard diameters
- Product is un-printed by default
- Custom Print Legend available
- Smooth fiber insertion
- Low Shrinkage for superior resistance to aging and high temperatures
- Ferrule adherence tested using industry standard adhesives

Applications

- Ribbon and Trunk cable fan-out to single fiber connections

Tubing Components



Qualifications

GOVERNING BODY	STANDARD CODE
RoHS	2002/95/EC

Temperature Specifications

TEMPERATURE RANGE	
INSTALLATION	-20°C to +70°C
OPERATING	-20°C to +70°C
STORAGE	-40°C to +70°C

Contact AFL for further details.

continued
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Furcation Tubing

Ordering Information/Mechanical Data

INNER TUBE MATERIAL	INNER TUBE SIZE		AFL NO.				FIBER RECOMENDATION
	OD	ID	3.0 mm	2.4 mm	2.0 mm	1.6 mm	
SIMPLEX – PVC							
HYTREL	0.9 mm	0.5 mm	SF000@30U#H0	SF000@24U#H0	SF000@20U#H0	SF000@16U#H0	1x 250 µm
HYTREL	1.1 mm	0.7 mm	SF000@30U#L0	SF000@24U#L0	SF000@20U#L0	X	2x 250 µm
HYTREL	2.2 mm	1.6 mm	SF000@30U#S0	X	X	X	1x 900 µm or 12x 250 µm
HYTREL	2.2 mm	1.3 mm	SF000@30U#T0	X	X	X	1x 900 µm or 12x 250 µm
Polypropylene	0.9 mm	0.35 mm	SF000@30U#Y0	SF000@24U#Y0	SF000@20U#Y0	SF000@16U#Y0	1x 250 µm
Polypropylene	1.1 mm	0.7 mm	SF000@30U#X0	SF000@24U#X0	SF000@20U#X0	X	2x 250 µm
Polypropylene	1.5 mm	1.1 mm	SF000@30U#W0	SF000@24U#W0	SF000@20U#W0	X	1x 900 µm
PVDF	0.9 mm	0.35 mm	SF000@30U#P0	SF000@24U#P0	SF000@20U#P0	SF000@16U#P0	1x 250 µm
PVDF	0.9 mm	0.5 mm	SF000@30U#V0	SF000@24U#V0	SF000@20U#V0	SF000@16U#V0	1x 250 µm
PVDF	1.4 mm	1.1 mm	SF000@30U#D0	SF000@24U#D0	SF000@20U#D0	X	2x 250 µm
PVDF	2.2 mm	1.7 mm	SF000@30U#F0	X	X	X	1x 900 µm or 12x 250 µm
SIMPLEX – LSZH*							
HYTREL	0.9 mm	0.5 mm	SE000@30U#H0	SE000@24U#H0	SE000@20U#H0	X	1x 250 µm
HYTREL	1.1 mm	0.7 mm	SE000@30U#L0	SE000@24U#L0	SE000@20U#L0	X	2x 250 µm
HYTREL	2.2 mm	1.6 mm	SE000@30U#S0	X	X	X	1x 900 µm or 12x 250 µm
HYTREL	2.2 mm	1.3 mm	SE000@30U#T0	X	X	X	1x 900 µm or 12x 250 µm
ZIPCORD – PVC							
HYTREL	0.9 mm	0.5 mm	ZF000@30U#H0	ZF000@24U#H0	ZF000@20U#H0	ZF000@16U#H0	1x 250 µm
HYTREL	1.1 mm	0.7 mm	ZF000@30U#L0	ZF000@24U#L0	ZF000@20U#L0	X	2x 250 µm
HYTREL	2.2 mm	1.6 mm	ZF000@30U#S0	X	X	X	1x 900 µm or 12x 250 µm
HYTREL	2.2 mm	1.3 mm	ZF000@30U#T0	X	X	X	1x 900 µm or 12x 250 µm
Polypropylene	0.9 mm	0.35 mm	ZF000@30U#Y0	ZF000@24U#Y0	ZF000@20U#Y0	ZF000@16U#Y0	1x 250 µm
Polypropylene	1.1 mm	0.7 mm	ZF000@30U#X0	ZF000@24U#X0	ZF000@20U#X0	X	2x 250 µm
Polypropylene	1.5 mm	1.1 mm	ZF000@30U#W0	X	X	X	1x 900 µm
PVDF	0.9 mm	0.35 mm	ZF000@30U#P0	ZF000@24U#P0	ZF000@20U#P0	ZF000@16U#P0	1x 250 µm
PVDF	0.9 mm	0.5 mm	ZF000@30U#V0	ZF000@24U#V0	ZF000@20U#V0	ZF000@16U#V0	1x 250 µm
PVDF	1.4 mm	1.1 mm	ZF000@30U#D0	ZF000@24U#D0	ZF000@20U#D0	X	2x 250 µm
PVDF	2.2 mm	1.7 mm	ZF000@30U#F0	X	X	X	1x 900 µm or 12x 250 µm
ZIPCORD – LSZH*							
HYTREL	0.9 mm	0.5 mm	ZE000@30U#H0	ZE000@24U#H0	ZE000@20U#H0	X	1x 250 µm
HYTREL	1.1 mm	0.7 mm	ZE000@30U#L0	ZE000@24U#L0	ZE000@20U#L0	X	2x 250 µm
HYTREL	2.2 mm	1.6 mm	ZE000@30U#S0	X	X	X	1x 900 µm or 12x 250 µm
HYTREL	2.2 mm	1.3 mm	ZE000@30U#T0	X	X	X	1x 900 µm or 12x 250 µm

* NOTE: LSZH products are made with HYTREL inner tubes exclusively to provide a halogen-free content product.
 Replace hashtag (#) with color option below/

(#) Furcation Tubing Colors Available

1 - Blue	7 - Red	K - Erika Violet (RAL 4003)
2 - Orange	8 - Black	L - Lime
3 - Green	9 - Yellow	
4 - Brown	A - Violet	
5 - Slate	B - Rose	
6 - White	C - Aqua	

Fiber Optic Cable