

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.

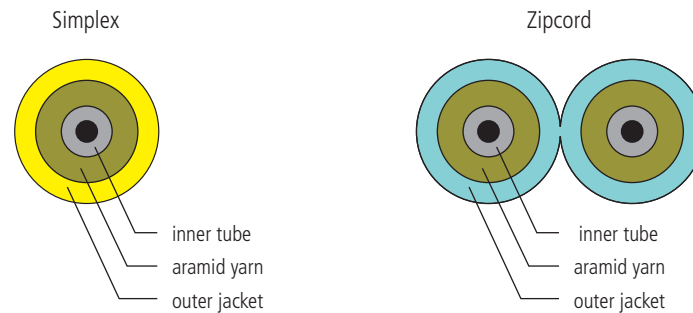
Features

- 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
- Compliant to Directive 2002/95/EC (RoHS)
- LSZH meets the requirements of IEC 61034-1, 61034-2, 60332-1-1, 60332-1-2, 60754-1, 60754-2

Applications

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

Tubing Components



(#) Furcation Tubing Colors Available

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

Temperature Specifications

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

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	1.4 mm	1.05 mm	SF000@30U#Z0	SF000@24U#Z0	SF000@20U#Z0	X	1x 900 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	SF000@24U#F0	SF000@20U#F0	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	SE000@16U#H0	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	1.4 mm	1.05 mm	ZF000@30U#Z0	ZF000@24U#Z0	ZF000@20U#Z0	X	1x 900 µm
Polypropylene	1.5 mm	1.1 mm	ZF000@30U#W0	ZF000@24U#W0	ZF000@20U#W0	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
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ZIPCORD – LSZH*							
HYTREL	0.9 mm	0.5 mm	ZE000@30U#H0	ZE000@24U#H0	ZE000@20U#H0	ZE000@16U#H0	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.