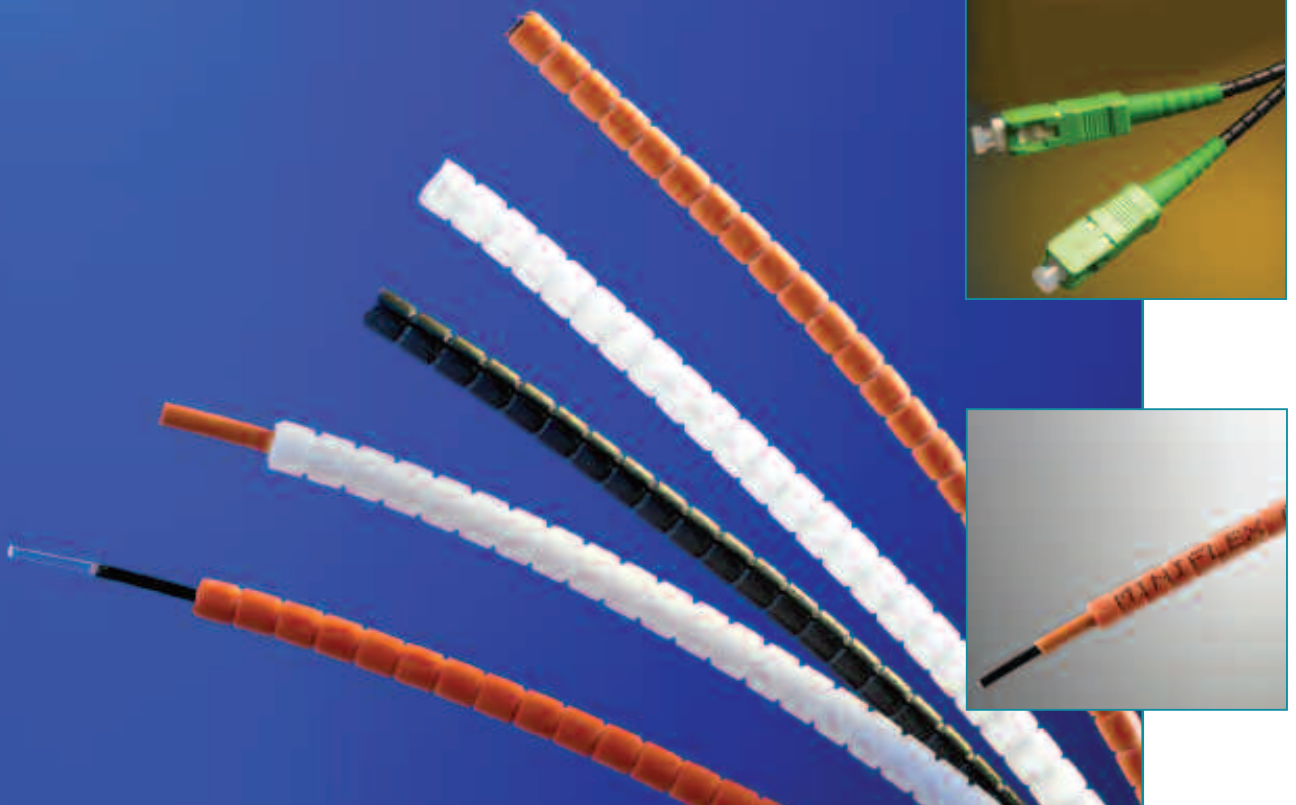


Protection Tubes



Optical Fibre Protection Tube (OFPT)

The Miniflex Optical Fibre Protection Tubing (OFPT) offers the ultimate protection to optical fibres and cables. It provides protection against crushing and kinking of fibres and hazardous tensile loads, while limiting any bends to an acceptable radius. The unique Miniflex patented technology which makes very hard materials flexible, is specifically designed with this purpose in mind. OFPT provides an entire, self-managing solution to the routing of fibre.

OFPT is available in many sizes and a range of tough, stable, fire retardant and low smoke zero halogen materials to suit your exact requirements. Miniflex can supply OFPT with the fibre and any strength members required already in place. OFPT is supplied in standard reel sizes with incremental length markings as well as cut to length. OFPT is available with a slit for retro-fitting for 4mm OD product and above. All OFPT sizes can be supplied with a pull cord.

Patch cords made from the Miniflex 3mm OFPT (e.g. TuffNut™ Cable) are 10 times more resistant to crushing than conventional patch-cord in a Transverse Crush Resistance test that replicates the effect of cable crush at jumper crosses. Due to its rigid flexibility and buckling resistance pigtailed made from the 3mm and 4mm OFPT can be easily installed in FTTH deployments by pushing into Micro-ducts so avoiding costly blowing or the stresses and strains of pulling.

Application

Used in any fibre application where enhanced protection is necessary. OFPT can be used for both short and long runs, from patch cords to industrial installations. Slit OFPT can be retro fitted using the appropriate Zipping Tool where the cabled fibre is already installed or is pre-terminated.

Features & Benefits

- Dramatically reduces transient losses due to micro bends
- Offers superior crush protection for fibre
- Used to manufacture Bend Insensitive Fibre Drops
- Ideal for cabled fibre in MDU's and blown fibre applications
- Smooth inner bore eases use and eliminates micro bending

Ordering information

PRODUCT CODE**	OFPT DESCRIPTION	UL94 FLAMABILITY
OFPT-3.0-1.4-PA/PE-ORG	3.0 X 1.4mm PA/PE ALLOY	HB
OFPT-3.0-1.4-PBT-BLK-V0	3.0 X 1.4mm PBT	V0
OFPT-3.0-1.4-PP-CLR	3.0 X 1.4mm PP CLEAR	HB
OFPT-3.0-1.4-PA12-WHT-FR-LSZH	3.0 X .4mm PA12	FR LSZH
OFPT-4.0-1.7-PP-WHT	4.0 X 1.7mm PP	HB
OFPT-4.0-2.4-PP-WHT	4.0 X 2.4mm PP	HB
OFPT-4.0-2.4-PBT-BLK-V0	4.0 X 2.4mm PBT	V0
OFPT-4.0-2.4-PE-WHT-V0-LSZH	4.0 X 2.4mm PP	V0 LSZH
OFPT-4.0-2.6-PA,PE-ORG	4.0 X 2.6mm PA/PE ALLOY	HB
OFPT-5.0-2.6-PP-WHT	5.0 X 2.6mm PP	HB
OFPT-5.0-3.1-PP-WHT	5.0 X 3.1mm PP	HB
OFPT-5.0-3.1-PP-CLR	5.0 X 3.1mm PP CLEAR	HB
OFPT-5.0-3.1-PE-WHT-V0-LSZH	5.0 X 3.1mm PP	V0 LSZH
OFPT-5.0-3.1-PBT-BLK-V0	5.0 X 3.1mm PBT	V0
OFPT-5.0-3.3-PBT-BLK-V0	5.0 X 3.3mm PBT	V0
OFPT-6.35-4.2-PBT-BLK-V0	6.35 X 4.2mm PBT	V0
OFPT-6.35-4.2-PP-WHT	6.35 X 4.2mm PP	HB
OFPT-6.35-4.2-PE-WHT-V0-LSZH	6.35 X 4.2mm PP	V0 LSZH
OFPT-8.0-5.4-PP-WHT	8.0 X 5.4mm PP	HB

**These codes contain the base colour designation of the material. Other colour options where available need to be specified from the list below in accordance with the coding structure shown.

Colour Availability

PP - Available in the following: White (WHT), Clear (CLR), Red (RED), Blue

(BLU), Yellow (YEL), Green (GRN), Orange (ORG), and Black (BLK) PE LSZH

- Available only in White (WHT); PA/PE ALLOY - Available only in Orange

(ORG); PBT - Available in the following: White (WHT), Red (RED), Blue (BLU),

Yellow (YEL), Green (GRN), Orange (ORG) and Black (BLK)

How to specify OFPT

Product Family Code	Optional Slit (S) or Pull cord (P)	Outside Diameter	Inside Diameter	Material	Colour	UL 94 Flammability	Optional Cut Length
OFPT	-S	-5.0	-3.1	-PE	WHT	V0 LSZH	2.5m
Optical Fibre Protection Tube	Slit version	Ø5.0mm OD	Ø3.1mm ID	Polyethylene	White	UL 94 V0 Low Smoke Zero Halogen	Length in metres



Key Data

- Bend radius limiting from 15mm to 50mm depending on OD of OFPT.
- Available in LSZH and FR materials.
- Available in a range of colours
- Wide range of standard sizes from 3mm OD to 8mm OD
- Cut lengths from 100mm to 3m on request
- Pull cord versions in 3mm and above
- Slit versions in 4mm and above
- Standard reel sizes for OFPT are 100m, 500m and 1000m and come with incremental length markings

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OPTICAL FIBRE PROTECTION SYSTEMS