

## Buffered optical fibres

### Description:

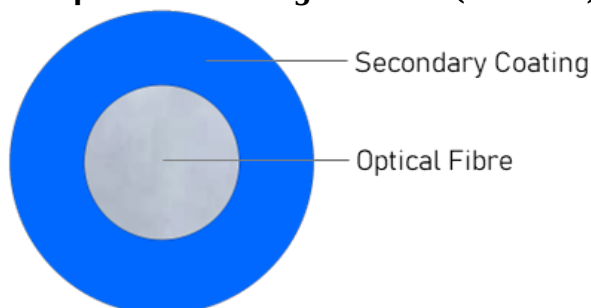
#### Buffered optical fibres

##### Rev. 0087-23/13

500 µm FR-LSHF tight buffer (Code T5)  
600 µm FR-LSHF tight buffer (Code T6)  
900 µm FR-LSHF tight buffer (Code F9 or T9)  
600 µm Acrylate tight buffer (Code A6)  
900 µm Acrylate tight buffer (Code A9)  
900 µm Acrylate tight buffer (Code D9)  
900 µm Polyamide tight buffer (Code N9)

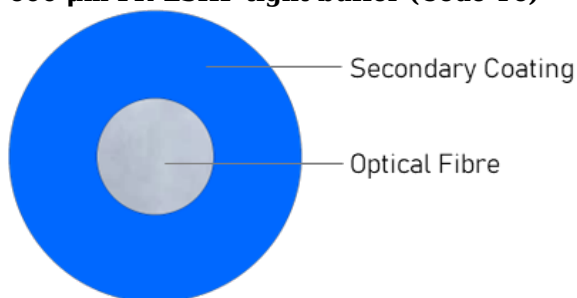
### Specifications:

#### 500 µm FR-LSHF tight buffer (Code T5)



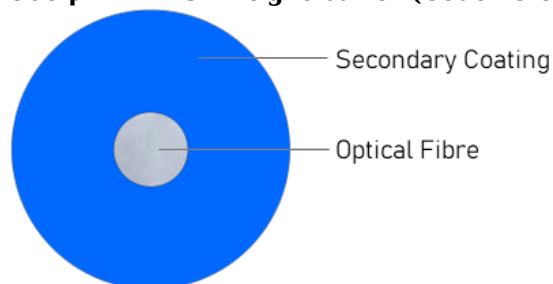
OPK Code	T5 (Stripping length 1-5 cm)
Outer nominal diameter	490 µm
Secondary Coating	Thermoplastic FR-LSHF compound
Max. Tensile Loading	10 N (Short Term)
Max. compressive loading	20 N
Operating temperature	-20°C to +60°C
Storage temperature	-20°C to +60°C
Cable Code (Ordering Code)	OPK-I-TBTM-1(1×0.5)FFH-xx-yy
xx - fibre type, yy - colour of secondary coating	

#### 600 µm FR-LSHF tight buffer (Code T6)



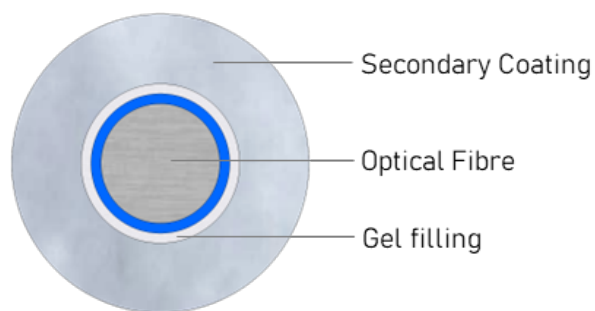
OPK Code	T6 (Stripping length 1-2 cm)
Outer nominal diameter	600 µm
Secondary coating	Thermoplastic FR-LSHF compound
Max. Tensile Loading	10 N (Short Term)
Max. compressive loading	30 N
Operating temperature	-20°C to +60°C
Storage temperature	-20°C to +60°C
Cable Code (Ordering Code)	OPK-I-TBTM-1(1×0.6)FFH-xx-yy
xx - fibre type, yy - colour of secondary coating	

### 900 µm FR-LSHF tight buffer (Code F9 or T9)



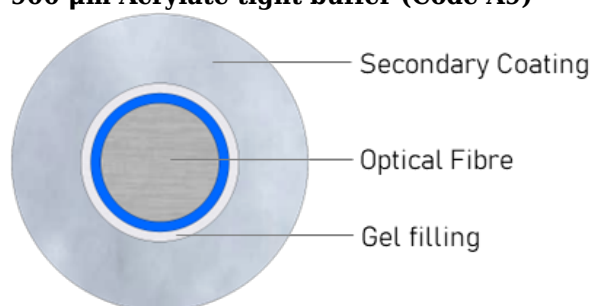
OPK Code	F9 (Stripping length >100 cm)
OPK Code	T9 (Stripping length 2-5 cm)
Outer nominal diameter	900 µm
Secondary coating	Thermoplastic FR-LSHF compound
Max. Tensile Loading	10 N (Short Term)
Max. compressive loading	100 N
Operating temperature	-20°C to +60°C (for T9 type) 0°C to +50°C (for F9 type)
Storage temperature	-20°C to +60°C (for T9 type) 0°C to +50°C (for F9 type)
Cable Code (Ordering Code)	OPK-I-TBxM-1(1×0.9)FFH-yy-zz
x - stripability, yy - fibre type, zz - colour of secondary coating	

### 600 µm Acrylate tight buffer (Code A6)



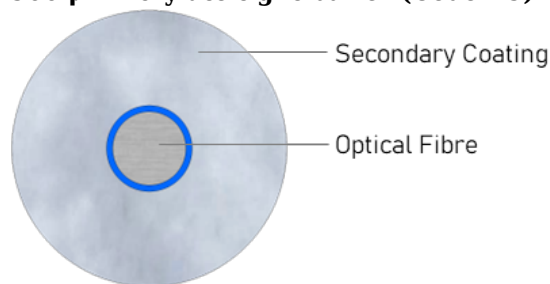
OPK Code	A6 (Stripping length 15-30 cm)
Outer nominal diameter	600 µm
Secondary coating	Transparent UV curable acrylate
Max. Tensile Loading	10 N (Short Term)
Max. compressive loading	200 N
Operating temperature	-40°C to +70°C
Storage temperature	-40°C to +70°C
Cable Code (Ordering Code)	OPK-U-TBSR-1(1×0.6)FFQ-xx-yy
xx - fibre type, yy - fibre colour	

### 900 µm Acrylate tight buffer (Code A9)



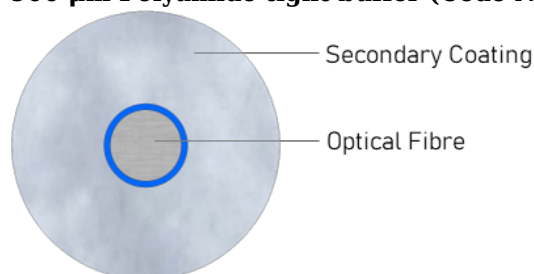
OPK Code	A9 (Stripping length 15-30 cm)
Outer nominal diameter	900 µm
Secondary coating	Transparent UV curable acrylate
Max. Tensile Loading	10 N (Short Term)
Max. compressive loading	300 N
Operating temperature	-40°C to +70°C
Storage temperature	-40°C to +70°C
Cable Code (Ordering Code)	OPK-U-TBSR-1(1×0.9)FFQ-xx-yy
xx - fibre type, yy - fibre colour	

### 900 µm Acrylate tight buffer (Code D9)



OPK Code	D9 (Stripping length 1-4 cm)
Outer nominal diameter	900 µm
Secondary coating	Transparent UV curable acrylate
Max. Tensile Loading	10 N (Short Term)
Max. compressive loading	200 N
Operating temperature	-40°C to +70°C
Storage temperature	-40°C to +70°C
Cable Code (Ordering Code)	OPK-I-TBTR-1(1×0.9)FFQ-xx-yy
xx - fibre type, yy - fibre colour	

### 900 µm Polyamide tight buffer (Code N9)



OPK Code	N9 (Stripping length 0.5-1 cm)
Outer nominal diameter	900 µm
Secondary coating	Transparent Polyamide PA12
Max. Tensile Loading	10 N (Short Term)
Max. compressive loading	500 N
Operating temperature	-45°C to +85°C
Storage temperature	-45°C to +85°C
Cable Code (Ordering Code)	OPK-U-TBTR-1(1×0.9)FFN-xx-yy
xx - fibre type, yy - fibre colour	

