

Optical passives

## Fibre application series Polychem shrink sleeves

Maintaining integrity on fibre optic networks is vital. A new range of airshrink products from Teleste have been designed to ensure this integrity is maintained. Our range covers all aspects of cable ducting, fibre cables and the need to keep connections secure and moisture free.



### Fibre application series features


- Maximum moisture protection
- Easy installation
- Shrinks uniformly 100% every time
- No heat, flame or tools required
- No special skill sets required to perform shrink
- Superior low temperature flexibility

**TELESTE**


## OPTICAL PASSIVES / FIBRE APPLICATION SERIES

GENERAL INFORMATION				
PRODUCT DESCRIPTION	PART NUMBER EXPLANATION			DUCT END CAPS
<p><b>Duct End Caps</b> A range of end caps to fit over various sizes of ducts to seal them from moisture and dirt.</p>	<p>PCS-DEC-aa-bb-cc</p> <ul style="list-style-type: none"> <li>- DEC is Duct End Cap</li> <li>- aa is dia. in mm, min. and max. e.g. 03/04</li> <li>- bb is colour (BK=Black)</li> <li>- cc is quantity per pack (cc=10)</li> <li>Other sizes available on request</li> </ul>			
ORDERING INFORMATION				
PART NUMBER	LENGTH (mm)	WALL THICKNES (mm)	MIN. DIAMETER (mm)	MAX. DIAMETER (mm)
PCS-DEC-03/04-BK-10	18	1.5	3.0	4.0
PCS-DEC-05/07-BK-10	25	1.5	5.0	7.0
PCS-DEC-07/09-BK-10	25	1.5	7.0	9.0
PCS-DEC-11/16-BK-10	25	1.5	11.5	16.0
PCS-DEC-14/19-BK-10	40	1.5	14.5	19.0
PCS-DEC-17/22-BK-10	40	1.5	17.5	22.0
PCS-DEC-20/28-BK-10	40	1.5	20.5	28.0
GENERAL INFORMATION				
PRODUCT / DESCRIPTION	PART NUMBER EXPLANATION			FIBRE CABLE RETENTION SHRINK
<p><b>Fibre Cable Retention Shrink</b> A range of shrinks used to seal between ducts and fibre cables to prevent pulling of cables through ducts when handling. Also provides a seal to prevent moisture and dirt entering ducts.</p>	<p>PCS-FCRS-aa-bb-cc-dd</p> <ul style="list-style-type: none"> <li>- FCRS is Fibre Cable Retention Shrink</li> <li>- aa is outer dia, of duct in mm, e.g. 14</li> <li>- bb is outer dia. of fibre cable in mm, e.g. 6</li> <li>- cc is colour (BK=Black)</li> <li>- dd is quantity per pack (dd=10)</li> <li>Other sizes available on request</li> </ul>			
ORDERING INFORMATION				
PART NUMBER	LENGTH (mm)	WALL THICKNES (mm)	MIN. DIAMETER (mm)	MAX. DIAMETER (mm)
PCS-FCRS-06/14-BK-10	80	1.5	6.0	14.0
GENERAL INFORMATION				
PRODUCT DESCRIPTION	PART NUMBER EXPLANATION			DUCT SHRINK
<p><b>Duct Shrink</b> Designed to fit over existing ducts to cover any break in duct integrity and where ducts are deliberately opened to allow sub-ducts to be extracted. Can also be used for repairs to ducts</p>	<p>PCS-DS-aa-bb-cc</p> <ul style="list-style-type: none"> <li>- DS is Duct Shrink</li> <li>- aa is outer diameter of duct in mm, e.g. 38</li> <li>- bb is colour, BK=Black</li> <li>- cc is quantity per pack (cc=10)</li> <li>Other sizes available on request</li> </ul>			
ORDERING INFORMATION				
PART NUMBER	LENGTH (mm)	WALL THICKNES (mm)	MIN. DIAMETER (mm)	MAX. DIAMETER (mm)
PCS-DS-38-BK-10	100	1.5	38.0	38.0

## OPTICAL PASSIVES / FIBRE APPLICATION SERIES

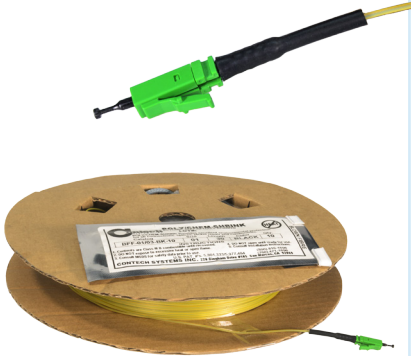
GENERAL INFORMATION		
PRODUCT DESCRIPTION	PART NUMBER EXPLANATION	DUCT CONNECTOR SHRINK
<p><b>Duct Connector Shrink</b> Designed to fit over both micro-ducts and their associated duct connectors. Ensures ducts do not pull out of connectors. A clear version allow installer to see that the fibre cable has been successfully installed through connection.</p>	<p>PCS-DCS-aa-bb-cc-dd - DCS is Duct Connector Shrink - aa is outer dia. of duct in mm, e.g. 3 - bb is outer dia. of duct connect. in mm, e.g. 8 - cc is colour (CL=Clear) - dd is quantity per pack (dd=10) Other sizes available on request</p>	

ORDERING INFORMATION				
PART NUMBER	LENGTH (mm)	WALL THICKNES (mm)	DUCT DIA. (mm)	DUCT CONN. DIA. (mm)
PCS-DCS-03/08-CL-10	75	1.5	3.0	8.45
PCS-DCS-04/13-CL-10	75	1.5	4.0	13.0
PCS-DCS-05/12-CL-10	75	1.5	5.0	12.8
PCS-DCS-06/15-CL-10	75	1.5	6.0	15.0
PCS-DCS-07/18-CL-10	75	1.5	7.0	18.0
PCS-DCS-08/16-CL-10	75	1.5	8.0	16.0
PCS-DCS-10/18-CL-10	75	1.5	10.0	18.2
PCS-DCS-12/23-CL-10	75	1.5	12.0	23.0
PCS-DCS-14/52-CL-10	85	1.5	14.5	52.7
PCS-DCS-16/34-CL-10	85	1.5	16.0	34.8
PCS-DCS-18/31-CL-10	85	1.5	18.0	31.1


GENERAL INFORMATION		
PRODUCT DESCRIPTION	PART NUMBER EXPLANATION	FIBRE BULKHEAD CONNECTOR COVER
<p><b>Fibre Bulkhead Connector Cover</b> Designed to secure fibre connectors when installed into bulkhead assemblies. The cover holds the connector in place preventing accidental removal. Available in blue and green as well as standard black.</p>	<p>PCS-FBCC-aa-bb-cc - FBCC is Fibre Bulkhead Connector Cover - aa is connector type (SC) - bb is colour (BL=Blue, GN=Green, BK=Black) - cc is quantity per pack (cc=10)</p>	

ORDERING INFORMATION				
PART NUMBER	LENGTH (mm)	WALL THICKNES (mm)	MIN. DIAMETER (mm)	MAX. DIAMETER (mm)
PCS-FBCC-SC-BL-10	32	1.5	6.0	14.0
PCS-FBCC-SC-GN-10	32	1.5	6.0	14.0
PCS-FBCC-SC-BK-10	32	1.5	6.0	14.0

## OPTICAL PASSIVES / FIBRE APPLICATION SERIES

GENERAL INFORMATION		
PRODUCT DESCRIPTION	PART NUMBER EXPLANATION	BLOWN FIBRE FERRULE SHRINK
<p><b>Blown Fibre Ferrule Shrink</b> A small shrink sleeve that aids the installation of blown fibre ferrules and securely holds it in place at the back of the connector</p>	<p>PCS-BFFS-aa-bb-cc-dd</p> <ul style="list-style-type: none"> <li>- BFFS is Blown Fibre Ferrule Shrink</li> <li>- aa is cable dia. in mm (aa=01)</li> <li>- bb is the length of shrink in mm (bb=30)</li> <li>- cc is colour (BK=Black)</li> <li>- dd is quantity per pack (cc=10 or 50)</li> </ul>	

ORDERING INFORMATION				
PART NUMBER	LENGTH (mm)	WALL THICKNES (mm)	MIN. DIAMETER (mm)	MAX. DIAMETER (mm)
PCS-BFFS-01-30 -BK-10	30	1.5	1.0	3.0
PCS-BFFS-01-30-BK-50	30	1.5	1.0	3.0

GENERAL INFORMATION		
PRODUCT DESCRIPTION	PART NUMBER	CHEMICAL SHRINK REMOVAL TOOL
<p><b>Chemical Shrink Removal Tool</b> A simple to use tool for the easy removal of Polychem Shrinks.</p>	PCS-CSRT-1	

ORDERING INFORMATION	
PART NUMBER	DESCRIPTION
PCS-CSRT-1	Tool for easy removal of Polychem Shrinks.

PHYSICAL PROPERTIES - Duct End Caps, Fibre Cable Retention Shrink, Duct Shrink, Fibre Bulkhead Connector Cover, Blown Fibre Ferrule					
PARAMETER	VALUE	TEST METHODS	PARAMETER	VALUE	TEST METHODS
Tensile Strength	1800 psi	ASTM-D-412	Elongation	400%	ASTM-D-412
Durometer	60 Shore A	ASTM-D-2240	Specific Gravity	1.35	ASTM-D-792
Heat Aging	90% Ret.	168 hrs @ 136°C	Water Absorption	<.05% to 150°C	MS-202-C
Service Temp. Range	-55°C to+ 150°C	MS-202C	Dielectric strength	600 V/MIL	ASTM-D-876

PHYSICAL PROPERTIES - Duct Connector Shrink					
PARAMETER	VALUE	TEST METHODS	PARAMETER	VALUE	TEST METHODS
Tensile Strength	1200 psi	ASTM-D-412	Elongation	300%	ASTM-D-412
Durometer	50 Shore A	ASTM-D-2240	Specific Gravity	1.18	ASTM-D-792
Heat Aging	90% Ret.	168 hrs @ 136°C	Water Absorption	<.05% to 150°C	MS-202-C
Service Temp. Range	-55°C to+ 150°C	MS-202C	Dielectric strength	600 V/MIL	ASTM-D-876

# TELESTE

TELESTE CORPORATION  
www.teleste.com

Air\_Shrink\_for\_Fibre\_170717

Copyright © 2017 Teleste Corporation. All rights reserved. Teleste and the Teleste logo are registered trademarks of Teleste Corporation. Other product and service marks are property of their respective owners.

Teleste reserves the right to make changes to any features and specifications of the products without prior notice. Although the information in this document has been reproduced in good faith, the contents of this document are provided "as is". Teleste makes no warranties of any kind in relation to the accuracy, reliability or contents of this document, except as required by applicable law.