



ELECTRICAL  
MECHANICAL  
INSULATION

CSNUSA

CRFP

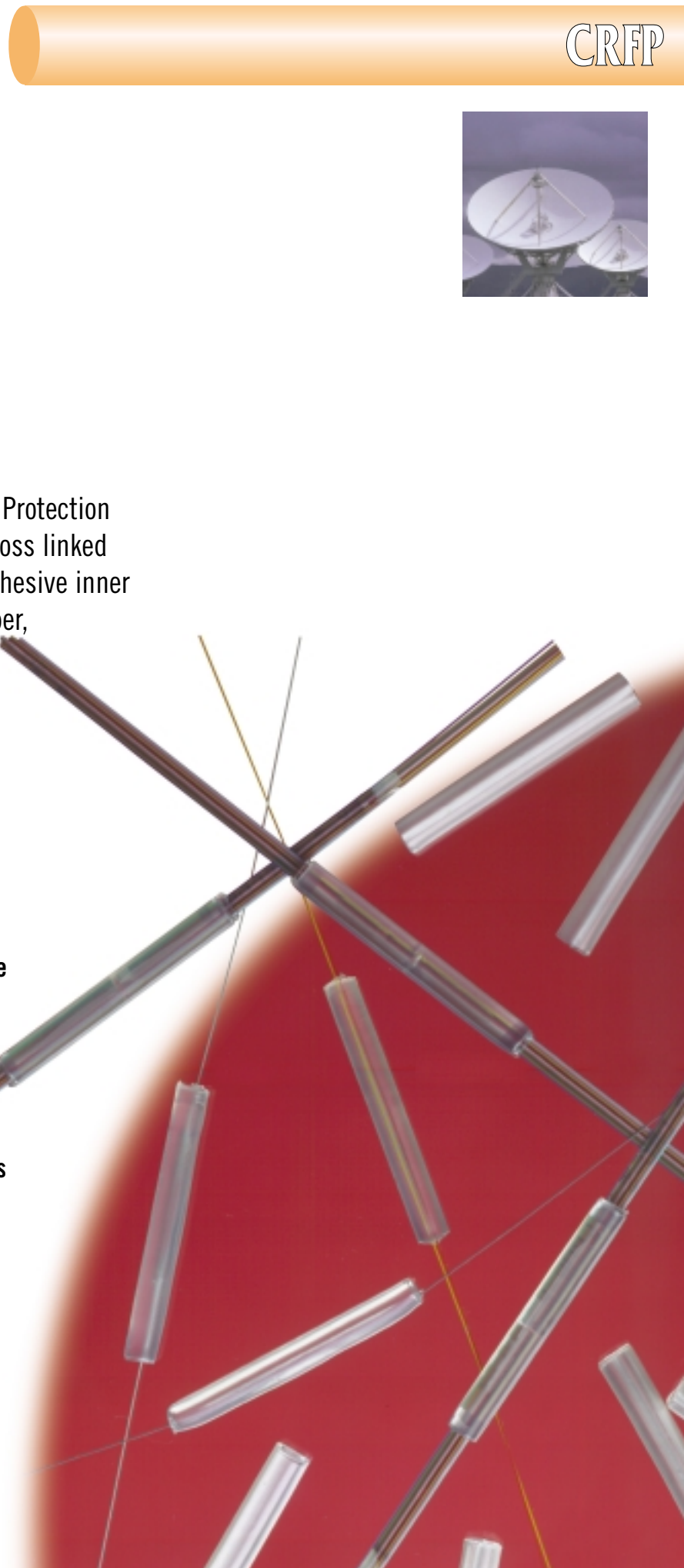


# CRFP

Specially designed Fiber Optic Splice Protection system, utilizing a heat shrinkable cross linked polyolefin outer jacket, a meltable adhesive inner liner, and a backbone strength member, provides maximum mechanical and environmental protection for all service conditions

## Features

- Polycarbonate backbone provides superior mechanical protection and resists cracking and shattering
- One size accommodates four to twelve ribbon fiber cables as well as single Fiber strands
- Assemblies' high clarity allows for examination of substrate splices
- Meltable inner adhesive liner insulates and protects Fiber connections
- Assembly is preshrunk to prevent slippage of assembled parts
- Tested to Bellcore SR-4301 Level 2
- Continuous Operating Temperature: -40°C to 60°C
- Shrink Temperature: 90°C



## Technical Data

### OUTER TUBING

#### Physical

Property	Test Method	Typical Performance
Tensile Strength	ASTM D2671, ISO 37	1500 psi (10 MPa)
Elongation	ASTM D2671, ISO 37	250%
Heat Resistant Properties (168 hrs @ 175°C)	ASTM D2671, ISO 37	No cracking or flowing
Heat Shock (4 hrs @ 200°C)	ASTM D2671, ISO 37	No cracking or flowing
Low Temperature Flexibility (4 hrs @ -55°C)	ASTM D2671, ISO 37	No cracking
Flammability	ASTM D2671	Flame Retardant

#### Electrical

Dielectric Strength	ASTM D2671	600V/mil (24kV/mm)
Volume Resistivity	ASTM D2671	10 <sup>16</sup> ohm-cm

#### Chemical

Fluid Resistance	MIL-DTL-23053/4, ISO 1817, ISO 37	Good to Excellent
Copper Corrosion	ASTM D2671	Non-Corrosive
Water Absorption	ASTM D570	0.2%
Fungus Resistance	ASTM G21	No Growth

#### ADHESIVE

Tensile Strength	ASTM D1708	26 MPa
Elongation at Break	ASTM D1708	600-900%
Softening Point	ASTM E28	223°C

#### BACKBONE

Tensile Strength, Yield	ASTM D638	(6.4-9.2) x 10 <sup>3</sup> lb/sq.in.
Elongation at Break	ASTM D638	1.5-125%
Flexural Strength, Yield	ASTM D790	(8.0-22.0) x 10 <sup>3</sup> lb/sq.in.

## CANUSA

### There's no end to what we cover

CANUSA is a global company providing electrical and mechanical insulation solutions for a variety of industries and applications. Starting from products created by extensive developmental research at Shaw Industries (incorporated 1955), CANUSA is a recognized world leader in the provisioning of high quality heat shrink products.

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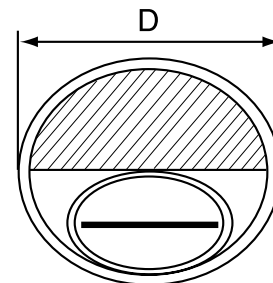
## Dimensions

	D	
	mm	IN
Overall Length (L)	40.5	1.595
Assembled Diameter		
Overall Diameter Exp (D)	5.7	0.226
Overall Diameter d1 (nom)	4.5	0.178
Overall Diameter d2 (nom)	4.8	0.189

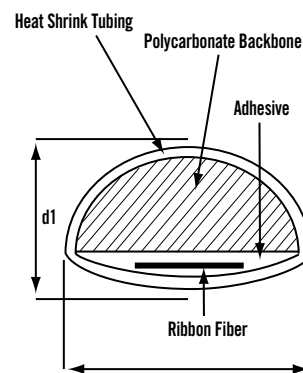
## Ordering

Select a dimension which will shrink snugly over the component to be covered. If recovery is restricted the resultant wall thickness will be less than specified.

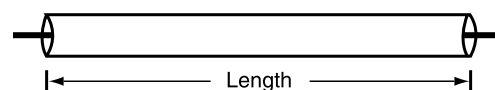
### To Order, specify CRFP



Expanded



d2  
Recovered



Packaging: 25 Units per bag

Standards: Bellcore SR-4301, Level 2

Note: Non-standard colors, sizes and lengths subject to factory quotation.