SPLICE PROTECTION

Professional solutions to protect fusion splices

Crimp splice protection sleeves for easy application and reliable protection of the splice point

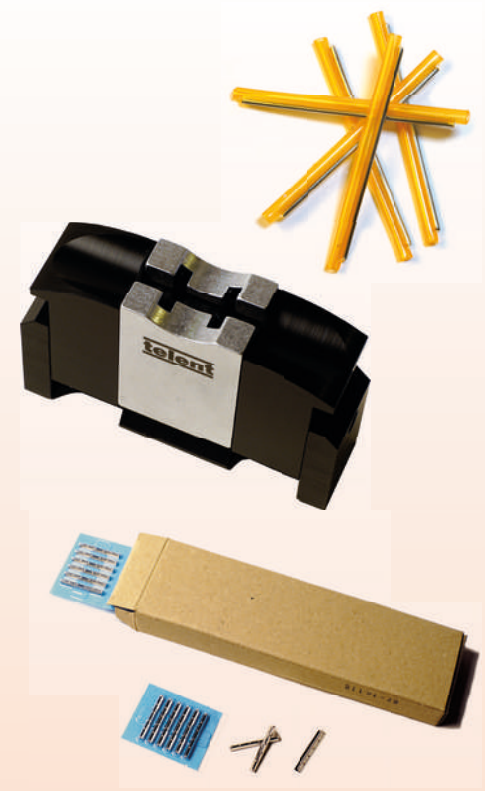
The crimp splice protection sleeves from NetPeppers are ideally suited for use with standard splice cassettes in 19“ Rack distribution panels, house connections and splice boxes. They offer best protection of the fusion splice against external influences such as dirt, liquids or mechanical damage. During the crimping process with the original TELENT splice protection press, there is no unnecessary mechanical load or insertion loss applied to the fiber.

Shrink splice protection sleeves for favorable and optimal protection against environmental influences of all kinds

NetPeppers shrink splice protection sleeves offer the best protection against environmental influences, as the splice is completely enveloped by two layers of special filler plastic after thermal shrinkage, which makes it impossible for dirt or liquids to penetrate. The NP-FS-PROTECT-S-12-30 micro sleeves with a diameter of only 1.25 mm can be used with conventional splice combs for crimp splice protection and thus represent a more cost-efficient and optimally protective alternative to crimp splice protection sleeves.

TELENT‘s splice protection press for easy and controlled pressing of crimp splice protection sleeves

The splice protection press from TELENT has been the number one tool for pressing crimp splice protection on the market for decades. This is not least due to their simple and safe use by thumb pressure without any mechanical/electrical external energy.



DECISION SUPPORT SPLICE PROTECTION

Crimp splice protection	Shrink splice protection
+ very fast application	+ very good kink protection
+ Crimp after splicing process	+ cost-effective
+ Telecom certified	+ Use with integrated shrinking oven of the splicer possible, no further equipment required
+ good protection against dirt/liquids and mechanical stress	+ optimal protection against dirt/liquids and mechanical stress
+ minimal load on the splicing point when applied	+ Can be used with crimp splice protectors (V12-30-54 only)
+ no additional load on the splicer battery life due to the use of a shrinking oven	+ Inspection of the splicing point possible using a visible laser light source (VFL)
+ EN 50411-3-3 compliant	+ EN 50411-3-3 compliant
+ suitable for diameters up to 250 µm	+ suitable for diameters up to 900 µm

KEY BENEFITS

- Simple and safe application
- Crimp splice protection sleeves for the use with a splice protection press
- Shrink splice protection sleeves for the use with an integrated shrink oven
- Use of crimp and splice protectors with the same splice holders possible
- Protection against liquids and dirt, as well as mechanical stress
- No increase in insertion loss
- Can be used with 125 m fibers up to 900 m secondary coating
- Sizes suitable for common splice combs on the market

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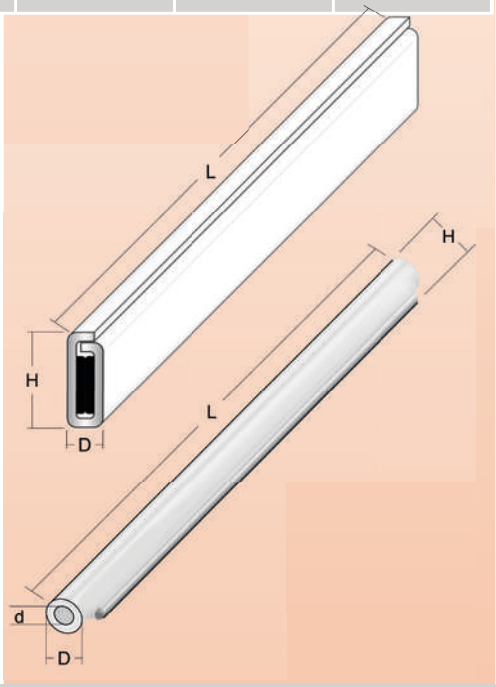
TECHNICAL DATA / SPLICE PROTECTION SLEEVES

Article No..	NP-FS-PROTECT-C-12-30	NP-FS-PROTECT-S-12-30	NP-FS-PROTECT-S-15-30	NP-FS-PROTECT-S-20-45	NP-FS-PROTECT-S-22-45	NP-FS-PROTECT-S-24-45	NP-FS-PROTECT-S-25-45
Type	Crimp	Shrinking					
Quantity	150 pcs.	100 pcs.					
Suitable for	Bare fibre (125 µm) Primary coating (250 µm)		Bare fibre (125 µm) Primary coating (250 µm) Secondary coating (400 µm)	Bare fibre (125 µm) Primary coating (250 µm) Secondary coating (400 µm) Secondary coating (900 µm)			
Ø outside (D)*	1,2 (+/-0,1) mm	1,25 (+/- 0,05) mm	1,5 (+/- 0,05) mm	2,0 (+/- 0,2) mm	2,2 (+/- 0,2) mm	2,4 (+/- 0,2) mm	2,5 (+/- 0,2) mm
Ø inside (d)*	-	0,35 (+ 0,1) mm	0,5 (+ 0,1) mm	1,2 (+ 0,1) mm			
Height (H	3,2 (+/-0,1) mm	1,25 (+/- 0,05) mm	1,6 (+/- 0,05) mm	2,75 mm	2,95 mm	3,4 mm	3,5 mm
Length (L)*	30 (+/-0,5) mm	30 (+2/-1) mm		45 (+2/-1) mm			
Max. shrink temp.	-	110 °C					
Storage temp.	- 40 bis +60 °C						
Operating temp.	- 55 bis +105 °C						
Humidity	0 bis 95 % RH						
Colour	silvery-metallic	orange-transparent					
Suitable for crimp splice holder	Yes		No				
EN 50411-3-3	F1-NA-30-P-00	S1-12-30-P-XX6	S1-16-40-P-XX6	S1-20-45-A-XX6	S1-22-45-A-XX6	S1-24-45-A-XX6	–
TS 0338/96 Conformity	Yes	–	–	–	–	–	–

* Values apply on pressed/shrinked condition

TECHNICAL DATA TELENT / SPLICE PROTECTION PRESS

Article No.	NP-FS-PROTECT-PTOO
Suitable for	30 mm crimp splice protection
Ø Fiber	max 250 µm
Dimensions (HxWxD)	54 x 22 x 83 mm
Weight	126 g
Material	Plastic and aluminium
TS 0338/96 Conformity	Yes



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