

Heat Shrinkable Cable Repair Sleeve



Model: HSRS-N

Description

Heat Shrinkable Cable Repair Sleeve (HSRS-N) is made of a cross-linked, heat-shrinkable, thermally stabilized polyolefin, which is coated with a hot-melt adhesive, it will bond at the temperatures attained during the shrinking operation. The HSRS-N has an aluminum canister providing mechanical protection of joint. Flexible crowns at the ends provide a smooth transition from the joint to the cable.

Features

- >Quick and easy installation
- >Covered with thermo paint
- >Protection against mechanical stress
- >Sleeve and channel can be cut to suit shorter applications
- >For insulation on low voltage cable up to 1000V
- >Hot melt adhesive forms a durable, moisture resistant seal
- >Fit a wide range of cable sizes

Technical Data

Property	Test Method	Standard Value
Tensile strength	ASTM-D-638	$\geq 13\text{MPa}$
Elongation at break	ASTM -D- 638	$\geq 300\%$
Tensile strength after aging	ASTM-D-2671/120°C,168hrs	$\geq 11\text{MPa}$
Elongation at break after aging	ASTM-D-2671/120°C,168hrs	$\geq 210\%$
Volume resistance	ASTM-D-2303	$\geq 1 \times 10^{14} \Omega \cdot \text{cm}$



Dielectric strength	IEC 243	$\geq 20\text{kV/mm}$
Longitudinal shrinkage	-	$\leq 10\%$
Eccentricity	ASTM-D-267	$\leq 30\%$
Water absorption	ISO 62	$\leq 0.1\%$

Specification

Item	Width (mm)		Wall thickness (mm)	
	Before shrink (\geq)	After shrink (\leq)	Before shrink	After shrink
$\Phi 30$	120	37	1.1 ± 0.2	3.8 ± 0.2
$\Phi 40$	130	37	1.0 ± 0.2	3.8 ± 0.2
$\Phi 50$	160	52	1.1 ± 0.2	3.8 ± 0.2
$\Phi 65$	205	74	1.1 ± 0.2	3.8 ± 0.2
$\Phi 85$	270	85	1.0 ± 0.2	3.8 ± 0.2
$\Phi 100$	320	85	1.0 ± 0.2	3.8 ± 0.2
$\Phi 120$	380	125	1.3 ± 0.2	3.8 ± 0.2
$\Phi 150$	475	155	1.3 ± 0.2	3.8 ± 0.2
$\Phi 160$	505	155	1.2 ± 0.2	3.8 ± 0.2
$\Phi 195$	590	218	1.0 ± 0.2	2.3 ± 0.2
$\Phi 240$	735	280	1.0 ± 0.2	2.3 ± 0.2
$\Phi 290$	900	365	1.0 ± 0.2	2.3 ± 0.2

*Alternative for Raychem CRSM,3M HDCW, CANUSA CRDW