

## EWRS Wrap-around Repair Sleeve with Rail

EWRS adhesive lined, wrap-around heat shrinkable sleeves are widely used for repairing inner and outer sheaths of cables and for making telecommunication cable joints. They can easily be installed in situ without the need to cut the cable or shut down power to carry out the repair.

The weather resistant wrap-around sleeves are supplied with a stainless steel locking channel. The hot melt adhesive provides a water tight seal after recovery and cooling.

The heat shrink sleeve is covered with a thermochromatic coating which changes appearance when the correct shrink temperature has been achieved. This visual indicator allows the installer to be sure the inner adhesive has melted to create a permanent seal.



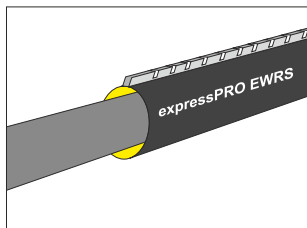
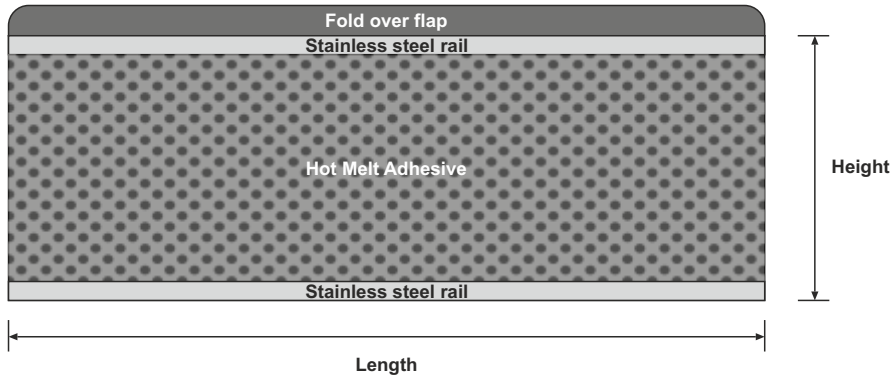
### Ordering information

Part number	Diameter	Inside Diameter		Wall Thickness		Lay Flat Dimensions
	Range	Supplied	Recovered	Supplied	Recovered	
<b>EWRS-43/08-1000</b>	12 - 25	43	8	1.2	2.0	145 x 1000
<b>EWRS-52/10-1000</b>	15 - 35	52	10	1.2	2.0	175 x 1000
<b>EWRS-76/22-1000</b>	20 - 50	76	22	1.2	2.0	260 x 1000
<b>EWRS-100/30-1000</b>	30 - 70	100	30	1.2	2.0	350 x 1000
<b>EWRS-139/38-1000</b>	40 - 90	139	38	1.2	2.0	460 x 1000
<b>EWRS-185/55-1000</b>	60 - 120	185	55	1.2	2.0	576 x 1000
<b>EWRS-210/55-1000</b>	80 - 150	210	55	1.2	2.0	630 x 1000

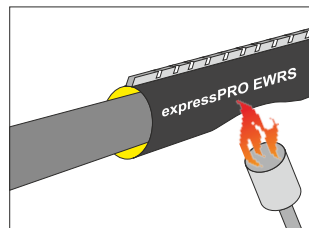
\*All dimensions in mm

### Standard Colour Options

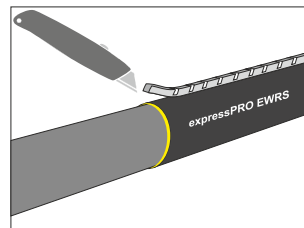
**0**  
Black



Wrap the repair sleeve around the cable and connect the stainless rail.



Apply heat to shrink the sleeve and activate the inner hot melt adhesive.



The stainless rail can be left in situ or removed using a utility knife

## Technical Data



### Material

Adhesive lined cross-linked polyolefin

**Shrink Ratio** 3:1

### Temperature Ratings

Operating : -30°C to 80°C

Recovery : +130°C

### Physical Properties

**Tensile Strength** >17Mpa (ISO R527)

**Ultimate Elongation** >300% (ISO R527)

**Water Absorption** 0.1% (ASTM D570)

**Torchability** No split (TE 201 AOL)

**ESCR** No cracking (ASTM D149)

(48 hours at 50°C)

**Thermal Ageing** (500 hours at 120°C)

**Tensile Strength** >15Mpa (ISO R527)

**Ultimate Elongation** >200% (ISO R527)

### Electrical Properties

**Dielectric Strength** >12kv/mm

### Chemical Properties

**Tensile Strength** >15Mpa (ISO175)

**Ultimate Elongation** >200% (ISO175)

**Fluid Resistance** Good no defects (ISO175)

Immersed at room temperature for 24 hours

in the following liquids :

0.1 N sol. Of Na SO, NaCl, NaOH (40%),

H'SO(3%).

### Thermochromic Paint Colour Change

150°C for 30 minutes : No change

250°C for 5 minutes : Colour change

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