

RPBS

Heat-shrinkable wraparound delivery system for air blocking of pressurised telephone cables

1 Product description

The RPBS system is a reinforced heat-shrinkable, RayFort wraparound sleeve coated with an adhesive suitable for all standard cable jackets. The sleeve is secured around the compound reservoir using one flexible stainless channel. It is installed using a standard joiner's torch.

2 Product application

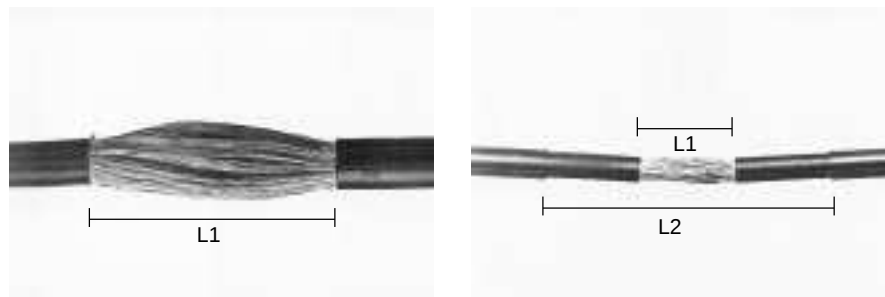
The RPBS system offers an improved application method for the standard resin blocking compound because the heat supplied during installation of the sleeve accelerates the curing process. It is particularly suitable for high pair count cables. Versions for single and double jacket applications are available.

3 Product features and benefits

- Craft friendly: fast, easy and reliable installation
- Can cope with oval or bent cables: independent of cable tolerances
- No special tools required, only a standard joiner's torch
- Independent of weather conditions: low/high ambient temperatures; aerial/windy conditions
- Installation indicators: heat sensitive paint and adhesive flow, white lines
- Excellent split resistance
- Good torchability
- Minimal longitudinal change: use in confined spaces
- Uniform wall thickness
- Robust construction with high mechanical strength
- Hot-melt adhesive designed specifically for pressurised applications
- Usable with a wide range of commercially available resins

4 Product dimensions

Dimensions (in mm)



RPBS-I: selection chart for single sheathed cable

Raychem desc.	Cable dia. max.	Cable dia. min.	Sheath opening nom. L1
Ordering info			
RPBS-C-I-25/15-100	25	15	100
RPBS-C-I-50/25-150	50	25	150
RPBS-C-I-70/50-200	70	50	200
RPBS-C-I-100/70-250	100	70	250

RPBS-II: selection chart for double sheathed cable

Raychem desc.	Cable dia. max.	Cable dia. min.	Outer sheath and shield opening (L2)	Inner sheath opening (L1)
Ordering info				
RPBS-C-II-25/15-100	25	15	400	100
RPBS-C-II-50/25-150	50	25	450	150
RPBS-C-II-70/50-200	70	50	500	200
RPBS-C-II-100/70-250	100	70	550	250

5 Kit content

- Wraparound sleeve
- Flexible channel (-s + retention clip)
- Inner liner
- Compound sheet
- Shield continuity wire
- Sealant strips
- Cleaning tissue
- Abrasive strip
- Aluminium foils
- Tie wraps
- Adhesive pad (RPBS II only)
- Installation instructions



6 Accessories and tools

Tools

Recommended torches

e.g. Raychem torch:

FH-T001-0005: torch-handle

FH-T001-0020 (nozzle 20 mm - soft flame)

Additional information see page 79

Accessories

NA

7 Packaging

Product	Qty/ box	Qty/ pallet	Height pallet (m)	Box dim. (mm)			Volume box (dm ³)	Volume pallet (m ³)	Weight/ box (kg) b/n
RPBSI				LEN	WDT	HGT			
RPBS-C-I-25/15-100	15	180	1,54	385	385	700	103,76	1,48	11/10
RPBS-C-I-50/25-150	15	180	1,54	385	385	700	103,76	1,48	14/13
RPBS-C-I-70/50-200	18	72	1,04	580	380	900	198,36	1,00	23/21
RPBS-C-I-100/70-250	18	72	1,04	580	380	900	198,36	1,00	26/24

UNIT PACK: plastic bag

Product	Qty/ box	Qty/ pallet	Height pallet (m)	Box dim.			Volume box (dm ³)	Volume pallet (m ³)	Weight/ box (kg) b/n
RPBSII				LEN	WDT	HGT			
RPBS-C-II-25/15-100	15	180	1,54	385	385	700	103,76	1,48	15/14
RPBS-C-II-50/25-150	15	90	1,00	380	380	840	121,30	0,96	17/16
RPBS-C-II-70/50-200	15	60	1,04	580	380	900	198,36	1,00	22/21
RPBS-C-II-100/70-250	30	30	1,00	1186	786	840	783,04	0,96	50/45

Unit pack: plastic bag

8 Documentation

Specification Control Drawings

SCD 108 & 109

Installation Instruction

TC 182/IP/X XX/XX

Note:

Installation Instruction and Data Sheet: /X XX/XX = edition, month and year

