



HAS/HMB/HMR Moulded Parts

Anti tracking Rain Shed/Anti tracking 3 cores Breakout/Anti-tracking right angle/straight Boot



Shelf life & storage:

HAS/HMB/HMR Moulded Parts has long shelf life when stored in a humidity controlled storage(-10°C to 40°C and < 75% relative humidity).

Ordering information:

Standard colors:
Red.

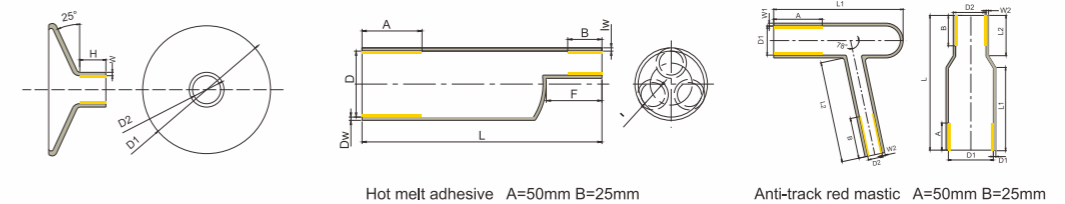
Features:

- Sealing mastic coated forms an effective barrier against fluids and moisture
- UV and weather resistant
- Anti-tracking
- 2-3:1 Shrink ratio allows a few sizes to cover a wide range of applications
- RoHS compliant

Key technical performances:

Test Items	Test Method	Test Requirements
Tensile strength	ASTM D 2671	12MPa min.
Ultimate elongation	ASTM D 2671	200% min.
Volume resistance	IEC 93	10 ¹⁴ Ω.cm min.
Dielectric strength	IEC 60243	10kV/mm(3mm) min.
Water absorption	ISO 62	0.5% max.
Heat shock at 225°C/4hrs	ASTM D 2671	No cracking, dropping
Density	ASTM D 792	1.1-1.3g/cm ³

Selection table:



Anti-tracking rain shed-HAS

Size (mm)	D2(mm)		As supplied(mm)			After recovered(mm)	
	a*(Min.)	b*(Min.)	H(Min.)	D1 (Nom.)	W(±10%)	h(Min.)	
HAS 110 35/12	35	12	20	95	3.0	18	
HAS 120 48/20	48	20	28	120	3.5	20	
HAS 130 60/25	60	25	30	120	3.3	20	
HAS 140 60/30	60	30	35	140	3.5	30	
HAS 150 75/30	75	30	35	140	3.3	30	
HAS 160 100/35	100	35	35	140	3.3	30	

Anti-tracking 3 cores breakout-HMB

Size (mm)	As supplied (mm) ±10%		D(mm)		l (mm)		Recovered length(mm)±10%		Recovered wall(mm)±20%	
	l	f	a*(Min.)	b*(Max.)	a*(Min.)	b*(Max.)	L	F	Dw	lw
HMB320-60/25	175	38	60	25	26	8	170	40	3.0	2.5
HMB330-80/38	200	50	80	38	34	16	210	55	3.5	3.3
HMB340-110/50	210	55	110	50	46	19	230	55	3.8	3.5
HMB350-125/57	220	58	125	57	55	20	240	60	3.7	3.3
HMB360-140/70	250	58	140	70	62	26	270	65	3.8	3.6

Anti-tracking right angle/straight boot-HMR

Size (mm)	As supplied (mm)				After recovered(mm)					
	D1 (Min.)	D2 (Min.)	D1 (Max.)	D2 (Max.)	L1 (Nom.)	L2 (±10%)	L (±10%)	W1 (±10%)	W2 (±10%)	
Right Angle	HMR110(80/36-35/18)	80	35	36	18	160	120	/	3.5	3.5
	HMR120(80/36-50/18)	80	50	36	18	160	120	/	3.5	3.5
	HMR130(80/36-50/27)	80	50	36	27	145	135	/	3.6	3.3
	HMR140(95/38-70/28)	95	70	38	28	155	130	/	4.2	4.5
	HMR150(145/72-68/34)	145	68	72	34	195	145	/	3.8	3.8
Straight	HMR170(80/35-58/20)	80	58	35	20	145	30	200	3.0	3.0
	HMR180(140/65-90/33)	140	90	65	33	155	40	320	3.8	3.8

a* = As supplied
b* = After fully recovered

HKIT/HKOT
Heat Shrink
Termination

HKSJ
Heat Shrink
Joint

HAT/HATA
Medium
Voltage Tubing

HAS/HMB/HMR
Moulded Parts

HLVT/HLVJ
Heat Shrink
Termination & Joint

HRSL
Heat Shrink
Cable Repair Sleeve

HCSIT/HCSOT
Cold Shrink
Termination

HCSSJ
Cold Shrink Joint

HPMC/HPMRC
Cable Connector

HCSTT
Cold Shrink
Trifurcation Kit

HCST
Cold Shrink
Insulated Tubing

HCMB
Cold Shrink 3
Cores Cable
Breakout

HCRK-S
Cast Resin
Straight
Through Joints

HCRK-B
Cast Resin
Branch Joints