

### Technical Performances

Test Item	Test Method	Requirement
Tensile Strength	ASTM D 2671	Minimum 12 MPa
Ultimate Elongation	ASTM D 2671	Minimum 200%
Volume Resistivity	IEC 93	Minimum $10^{14} \Omega \cdot \text{cm}$
Dielectric Strength	IEC 60243	Minimum 10 kV/mm (3 mm)
Water Absorption	ISO 62	Maximum 0.5%
Heat Shock (225°C, 4 hrs)	ASTM D 2671	No cracking or dripping
Density	ASTM D 792	1.1 – 1.3 g/cm <sup>3</sup>

### Dimensions

#### Anti-tracking rain shed-NAS

Type (mm)	Supplied (mm)		Recovered (mm)			recovered (mm) h(Min.)
	L*(±10%)	D*(Min.)	H(Min.)	D1(Nom.)	W (±10%)	
NAS 110 35/12	35	12	20	95	3.0	18
NAS 120 48/20	48	20	28	120	3.5	20
NAS 130 60/25	60	25	30	120	3.3	20
NAS 140 60/30	60	30	35	140	3.5	30
NAS 150 75/30	75	30	35	140	3.3	30
NAS 160 100/35	100	35	35	140	3.3	30

#### Anti-tracking 3 cores breakout-NMB

Type (mm)	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
NMB320-60/ 25	175	38	60	25	26	8	170	40	3.0	2.5
NMB330-80/38	200	50	80	38	34	16	210	55	3.5	3.3
NMB340-110/50	210	55	110	50	46	19	230	55	3.8	3.5
NMB350-125/57	220	58	125	57	55	20	240	60	3.7	3.3
NMB360-140/70	250	58	140	70	62	26	270	65	3.8	3.6

#### Anti-tracking right/straight boot-NMR

Type(mm)		As supplied (mm)		recovered(mm)						
		D1 (Min.)	D2 (Min.)	D1 (Max.)	D2 (Max.)	L1 (Nom.)	L2 (±10%)	L (±10%)	W1 (±10%)	W2 (±10%)
Right Angle	NMR110 (80/36-35/18)	80	35	36	18	160	120	/	3.5	3.5
	NMR120 (80/36-50/18)	80	50	36	18	160	120	/	3.5	3.5
	NMR130 (80/36-50/27)	80	50	36	27	145	135	/	3.6	3.3
	NMR140 (95/38-70/28)	95	70	38	28	155	130	/	4.2	4.5
	NMR150 (145/72-68/34)	145	68	72	34	195	145	/	3.8	3.8
Straight	NMR170 (80/35-58/20)	80	58	35	20	145	30	200	3.0	3.0
	NMR180 (140/65-90/33)	140	90	65	33	155	40	320	3.8	3.8

l = The length of L as supplied  
f = The length of F as supplied

la\* = Inner diameter as supplied  
b\* = Inner diameter after fully recovered

