

Technical Performances

Test Item	Test Method	Requirement
Tensile Strength	ASTM D 2671	Minimum 12 MPa
Ultimate Elongation	ASTM D 2671	Minimum 350%
Tensile Strength after Aging (150°C, 168 hrs)	ASTM D 2671	Minimum 12 MPa
Ultimate Elongation after Aging (150°C, 168 hrs)	ASTM D 2671	Minimum 300%
Density	ASTM D 792	1.0 to 1.1 g/cm ³
Dielectric Strength	ASTM D 60243	Minimum 12 kV/mm (2 mm thick)
Volume Resistivity	ASTM D 2671	Minimum 10 ¹² Ω·cm
Low Temperature Flexibility (-40°C, 4 hrs)	ASTM D 2671	No cracking of outer jacket
Hot Melt Adhesive Softening Point	ASTM E28	85 ± 5°C
Peel Strength (PE)	ASTM D 2671	Minimum 4 N/cm
Water Absorption	ISO 62	Maximum 0.2%

Dimensions

NRA2 Medium wall tubing with hot melting adhesive									
Size (mm)	Supplied (mm)	Recovered(mm)		Standard length (m)	Size (mm)	Supplied (mm)	Recovered(mm)		Standard length (m)
	D* (Min.)	d* (Max.)	w* (Min.)			D* (Min.)	d* (Max.)	w* (Min.)	
8/2	8	2	1.8	1.0-1.5	95/25	95	25	3.6	1.0-1.5
12/3	12	3	1.8	1.0-1.5	115/34	115	34	3.5	1.0-1.5
16/5	16	5	2.1	1.0-1.5	140/42	140	42	3.3	1.0-1.5
22/6	22	6	2.4	1.0-1.5	160/50	160	50	3.3	1.0-1.5
28/6	28	6	2.7	1.0-1.5	180/58	180	58	3.3	1.0-1.5
33/8	33	8	2.6	1.0-1.5	235/65	235	65	3.7	1.0-1.5
40/12	40	12	2.6	1.0-1.5	300/75	300	75	3.8	1.0-1.5
55/16	55	16	2.7	1.0-1.5	350/100	350	100	4.3	1.0-1.5
65/19	65	19	2.9	1.0-1.5	410/150	410	150	4.3	1.0-1.5
75/22	75	22	3.0	1.0-1.5					

NR2 Medium wall tubing without hot melting adhesive									
Size (mm)	Supplied (mm)	Recovered(mm)		Standard length (m)	Size (mm)	Supplied (mm)	Recovered(mm)		Standard length (m)
	D* (Min.)	d* (Max.)	w* (Min.)			D* (Min.)	d* (Max.)	w* (Min.)	
12/3	12	3	1.8	30m/spool or 1.0-1.5m	95/25	95	25	3.6	15m/spool or 1.0-1.5m
16/5	16	5	2.1	30m/spool or 1.0-1.5m	115/34	115	34	3.5	15m/spool or 1.0-1.5m
22/6	22	6	2.4	30m/spool or 1.0-1.5m	140/42	140	42	3.3	1.0-1.5m
28/6	28	6	2.7	30m/spool or 1.0-1.5m	160/50	160	50	3.3	1.0-1.5m
33/8	33	8	2.6	30m/spool or 1.0-1.5m	180/58	180	58	3.3	1.0-1.5m
40/12	40	12	2.6	30m/spool or 1.0-1.5m	235/65	235	65	3.7	1.0-1.5m
55/16	55	16	2.7	30m/spool or 1.0-1.5m	265/75	265	75	3.7	1.0-1.2m
65/19	65	19	2.9	30m/spool or 1.0-1.5m	350/100	350	100	4.3	1.0-1.2m
75/22	75	22	3.0	30m/spool or 1.0-1.5m	410/150	410	150	4.3	1.0-1.2m

D* = Inner diameter as supplied
d* = Inner diameter after fully recovered
w* = Outer Layer Wall thickness after fully recovered

