

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	105 ± 5°C
Peel Strength (PE)	ASTM D 2671	Minimum 4 N/cm
Water Absorption	ISO 62	Maximum 0.2%



Dimensions

NRTM Co-extruded medium wall tubes with hot melt adhesive lining										
Size (mm)	Supplied (mm)	Recovered (mm)			Standard length (m)	Size (mm)	Supplied (mm)			Standard length (m)
		D*	d*	w*			D*	d*	w*	
	(Min.)	(Max.)	(Min.)			(Min.)	(Max.)	(Min.)		
8/2	8	2	1.8	1.0-1.5	45/12	45	12	2.4	1.0-1.5	
12/3	12	3	1.9	1.0-1.5	55/16	55	16	2.4	1.0-1.5	
16/5	16	5	1.9	1.0-1.5	65/19	65	19	2.6	1.0-1.5	
19/5	19	5	1.9	1.0-1.5	75/22	75	22	2.8	1.0-1.5	
22/6	22	6	2.1	1.0-1.5	95/25	95	25	3.1	1.0-1.5	
28/6	28	6	2.6	1.0-1.5	115/34	115	34	3.5	1.0-1.5	
33/8	33	8	2.4	1.0-1.5	140/42	140	42	3.4	1.0-1.5	
40/12	40	12	2.4	1.0-1.5	160/50	160	50	3.4	1.0-1.5	

D* = Diameter as supplied
 d* = Diameter after recovered
 W* = Thickness of sleeve as supplied
 w* = Thickness of sleeve after fully recovered

