

## Technical Performances

Test Item	Test Method	Requirement
Tensile Strength	ASTM D 2671	Minimum 12 MPa
Ultimate Elongation	ASTM D 2671	Minimum 500%
Longitudinal Shrinkage	ASTM D 2671	0 to -10%
Heat Aging (120°C, 168 hrs)	ASTM D 2671	Tensile Strength $\geq$ 10 MPa, Ultimate Elongation $\geq$ 250%
Dielectric Strength	IEC 243	Minimum 18 kV/mm
Dielectric Constant	IEC 250	Maximum 3.0
Volume Resistivity	IEC 93	Minimum $10^{13}$ $\Omega$ -cm
Flammability (Oxygen Index)	IEC 4589	Minimum 25
Copper Corrosion	UL 224	No corrosion
Cold Bend (-40°C, 4 hrs)	ASTM D 2671	No cracking
Water Absorption (23°C, 14 days)	ISO 62	Maximum 0.5%

## Dimensions

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.)		
<b>Medium wall tubing-NBM</b>											
19/6	19	6	1.9	30m/spool	75/30	75	30	1.9	15m/spool		
25/10	25	10	1.9	30m/spool	100/40	100	40	1.9	15m/spool		
30/12	30	12	1.9	30m/spool	120/50	120	50	2.9	15m/spool		
35/14	35	14	1.9	30m/spool	150/60	150	60	2.9	15m/spool		
40/16	40	16	1.9	30m/spool	180/60	180	60	2.9	1.0-1.5m		
50/20	50	20	1.9	30m/spool	205/75	205	75	3.2	1.0-1.5m		
65/25	65	25	1.9	15m/spool	235/75	235	75	3.2	1.0-1.5m		
<b>Heavy wall tubing-NBT</b>											
19/6	19	6	2.5	15m/spool	65/25	65	25	2.9	15m/spool		
25/10	25	10	2.9	15m/spool	75/30	75	30	2.9	15m/spool		
30/12	30	12	2.9	15m/spool	85/35	85	35	2.9	15m/spool		
35/14	35	14	2.9	15m/spool	100/40	100	40	2.9	15m/spool		
40/16	40	16	2.9	15m/spool	120/50	120	50	2.9	15m/spool		
50/20	50	20	2.9	15m/spool	150/60	150	60	3.0	15m/spool		

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

