



## Technical Data

Properties <sup>Ⓟ</sup>	Typical Data <sup>Ⓟ</sup> UL 1441, ASTM D 350, ASTM D 372	Test Method <sup>Ⓟ</sup>
Continuous operating temperature <sup>Ⓟ</sup>	-10℃~200℃ <sup>Ⓟ</sup>	Ⓟ
Voltage withstand (Rated voltage, 600V, A level) <sup>Ⓟ</sup>	Average value ≥ 7000V, single value > 5000V <sup>Ⓟ</sup>	Ⓟ
Voltage withstand (Rated voltage, 300V, B level) <sup>Ⓟ</sup>	Average value ≥ 4000V, single value > 2500V <sup>Ⓟ</sup>	Ⓟ
Voltage after heat ageing (Rated voltage, 600V, A level) <sup>Ⓟ</sup>	Average value > 50% of that before heat ageing <sup>Ⓟ</sup>	265℃ × 168h <sup>Ⓟ</sup>
Voltage after heat ageing (Rated voltage, 300V, B level) <sup>Ⓟ</sup>	Average > 2500 <sup>Ⓟ</sup>	265℃ × 168h <sup>Ⓟ</sup>
Cold flexibility <sup>Ⓟ</sup>	No cracking <sup>Ⓟ</sup>	-10℃ × 1h <sup>Ⓟ</sup>
Horizontal firing <sup>Ⓟ</sup>	No flame propagation, no igniting cotton, VW-1 <sup>Ⓟ</sup>	Ⓟ
Vertical burning <sup>Ⓟ</sup>	WV-1 <sup>Ⓟ</sup>	Ⓟ
Volume resistivity <sup>Ⓟ</sup>	≥ 10 <sup>11</sup> Ω · cm <sup>Ⓟ</sup>	Ⓟ
Hydrolysis resistance <sup>Ⓟ</sup>	NO going tacky, no deforming, no softening <sup>Ⓟ</sup>	Ⓟ

**Dimensions:**

Internal Diameter (mm)	Average Wall Thickness (mm)					Tolerance (mm)	Standard package (m/roll)
	1200V	1500V	2500V	4000V	7000V		
0.5	0.27	0.30	0.3	0.37	0.37	± 0.10	200
1.0	0.27	0.30	0.3	0.37	0.37	± 0.10	200
1.5	0.27	0.30	0.3	0.37	0.37	± 0.10	200
2.0	0.27	0.30	0.3	0.37	0.37	± 0.10	200
2.5	0.32	0.35	0.35	0.42	0.42	± 0.15	100
3.0	0.32	0.35	0.35	0.42	0.42	± 0.15	100
3.5	0.32	0.35	0.35	0.42	0.42	± 0.15	100
4.0	0.37	0.35	0.35	0.42	0.42	± 0.15	100
4.5	0.37	0.40	0.40	0.51	0.51	± 0.15	100
5.0	0.37	0.40	0.40	0.51	0.51	± 0.15	100
6.0	0.37	0.40	0.40	0.51	0.51	± 0.20	100
7.0	0.42	0.40	0.40	0.56	0.56	± 0.20	100
8.0	0.42	0.45	0.45	0.56	0.56	± 0.20	100
9.0	0.52	0.45	0.45	0.66	0.66	± 0.25	100
10.0	0.52	0.55	0.55	0.66	0.66	± 0.25	50
12.0	0.52	0.55	0.55	0.66	0.66	± 0.30	50
14.0	0.52	0.55	0.55	0.66	0.66	± 0.30	50
16.0	0.52	0.55	0.55	0.66	0.66	± 0.30	50
18.0	0.52	0.55	0.55	0.66	0.66	± 0.35	50
20.0	0.62	0.65	0.65	0.76	0.76	± 0.35	25
25.0	0.62	0.65	0.65	0.76	0.76	± 0.35	25
30.0	0.62	0.65	0.65	0.76	0.76	± 0.35	25