

Specifications

Items	Test methods	Specifications
Shrink temperature	Company standard	90°C
Operating temperature range	UL224	-55°C~125°C
Radial shrinking ratio		≥50%
Longitudinal change	ASTM D2671	-5%~+5%
Tensile strength	ASTM D638	≥10.4MPa
Elongation at break	ASTM D638	≥200%
Aging in circulating-air oven	158.0°C ± 1.0°C, 168hrs	
Tensile strength after aging	ASTM D638	≥7.3MPa
Elongation at break after aging	ASTM D638	≥100%
Volume resistance	ASTM D2671	≥1.0 × 10 ¹² Ω.cm
Dielectric strength	UL224, AC2500V, 1min	No breakdown
Heat shock	UL224	No cracking
Flammability	UL224	VW-1
Concentricity	ASTM D2671	≥70%

Size

Size	As supplied (mm)		After recovery (mm)	
	Inside diameter (D)	Wall-thickness (T)	Inside diameter (d)	Wall-thickness (t)
Φ1.0	1.50 ± 0.20	0.18 ± 0.05	≦0.60	0.36 ± 0.08
Φ1.5	2.00 ± 0.20	0.18 ± 0.05	≦0.80	0.36 ± 0.08
Φ2.0	2.50 ± 0.20	0.20 ± 0.05	≦1.00	0.42 ± 0.08
Φ2.5	3.00 ± 0.20	0.22 ± 0.05	≦1.25	0.46 ± 0.08
Φ3.0	3.50 ± 0.20	0.22 ± 0.05	≦1.50	0.46 ± 0.08
Φ3.5	4.00 ± 0.20	0.22 ± 0.05	≦1.75	0.46 ± 0.08
Φ4.0	4.60 ± 0.20	0.22 ± 0.05	≦2.00	0.48 ± 0.08
Φ4.5	5.00 ± 0.20	0.23 ± 0.05	≦2.25	0.46 ± 0.10
Φ5.0	5.50 ± 0.20	0.25 ± 0.05	≦2.50	0.50 ± 0.10
Φ6.0	6.50 ± 0.20	0.25 ± 0.05	≦3.00	0.55 ± 0.10
Φ6.5	6.90 ± 0.20	0.25 ± 0.05	≦3.25	0.55 ± 0.10
Φ7.0	7.50 ± 0.20	0.25 ± 0.05	≦3.50	0.55 ± 0.10
Φ8.0	8.50 ± 0.20	0.28 ± 0.10	≦4.00	0.58 ± 0.10
Φ9.0	9.50 ± 0.20	0.28 ± 0.10	≦4.50	0.58 ± 0.10
Φ10	10.50 ± 0.30	0.28 ± 0.10	≦5.00	0.58 ± 0.10
Φ11	11.50 ± 0.30	0.28 ± 0.10	≦5.50	0.58 ± 0.10
Φ12	12.50 ± 0.30	0.28 ± 0.10	≦6.00	0.58 ± 0.10
Φ13	13.50 ± 0.30	0.28 ± 0.12	≦6.50	0.58 ± 0.10
Φ14	14.50 ± 0.30	0.28 ± 0.12	≦7.00	0.58 ± 0.10
Φ15	15.50 ± 0.30	0.28 ± 0.12	≦7.50	0.58 ± 0.10
Φ16	16.50 ± 0.30	0.28 ± 0.12	≦8.00	0.58 ± 0.10
Φ17	17.50 ± 0.30	0.28 ± 0.12	≦8.50	0.65 ± 0.12
Φ18	18.50 ± 0.30	0.32 ± 0.15	≦9.00	0.68 ± 0.12
Φ20	20.60 ± 0.50	0.32 ± 0.15	≦10.00	0.68 ± 0.15
Φ22	22.60 ± 0.50	0.35 ± 0.15	≦11.00	0.72 ± 0.12
Φ25	25.60 ± 0.70	0.40 ± 0.15	≦12.50	0.78 ± 0.12
Φ28	28.60 ± 0.70	0.40 ± 0.15	≦14.00	0.78 ± 0.12
Φ30	30.60 ± 0.70	0.40 ± 0.15	≦15.00	0.82 ± 0.12
Φ35	35.60 ± 0.70	0.45 ± 0.20	≦17.50	0.92 ± 0.12
Φ40	41.00 ± 0.50	0.50 ± 0.25	≦20.00	1.10 ± 0.15
Φ50	51.00 ± 0.50	0.55 ± 0.25	≦25.00	1.10 ± 0.15
Φ55	55.50 ± 1.00	0.55 ± 0.25	≦28.00	1.10 ± 0.15
Φ60	60.50 ± 1.00	0.60 ± 0.25	≦30.00	1.25 ± 0.20
Φ70	71.00 ± 1.00	0.60 ± 0.30	≦35.00	1.25 ± 0.20
Φ80	81.00 ± 1.00	0.60 ± 0.30	≦40.00	1.25 ± 0.20
Φ90	91.00 ± 1.00	0.60 ± 0.30	≦45.00	1.25 ± 0.20
Φ100	101.00 ± 1.00	0.60 ± 0.30	≦50.00	1.25 ± 0.20