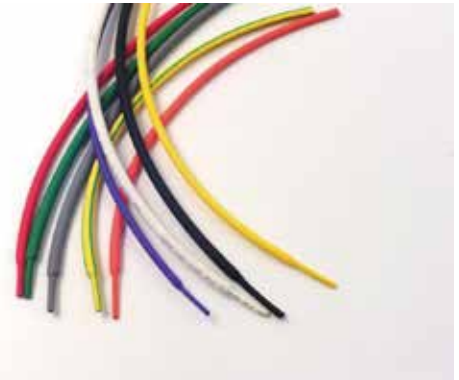


Environment friendly, flexible, flame-retardant polyolefin tubing

◆ Features

Shrink ratio: 2:1
 Operating temperature: -55°C~125°C, -55°C~ 135°C
 Minimum shrink temperature: 70°C
 Minimum full recovery temperature: 110°C
 Very flexible, highly flame-retardant.
 Low shrink temperature
 Good thermal stability.
 UL224 E214175 125°C 600V VW-1
 AMS-DTL-23053/5 class 1 and class 3
 Conform to RoHS 2.0 ((EU)2015/863)



◆ Technical Data

Property	Test method	Requirement
Longitudinal shrinkage	ASTM D 2671	-10 % ~ 10 %
Tensile strength	ASTM D 638	>10.4MPa
Ultimate elongation	ASTM D 638	>200%
Aging 158°C168hrs	Tensile strength after aging	≥70% of original
	Ultimate elongation after aging	≥100%
Dielectric voltage withstand	UL224	2500V, 60sec no breakdown
Dielectric strength	ASTM D2671	≥19.7kV/mm
Volume resistivity	ASTM D 876	>10 ¹⁴ Ω·cm
Heat shock <200°C, 4hrs>	ASTM D2671	No cracking, flow, or dripping
Low temperature flexibility<-55°C, 4hrs>	ASTM D2671	No cracking
Flammability	VW-1	Pass

◆ Color

Standard color: black, white, red, blue, yellow, green. Special colors are available upon request.

◆ Dimension

Size (mm)	As supplied(mm)		After recovery(mm)		Standard Length (m/spool)
	Inside diameter	Wall thickness	Inside diameter (max.)	Wall thickness (min.)	
Φ0.8	1.0±0.2	0.15±0.05	0.6	0.25	200
Φ1.0	1.5±0.3	0.20±0.05	0.7	0.33	200
Φ1.5	2.0±0.3	0.20±0.05	0.8	0.34	200
Φ2.0	2.5±0.3	0.20±0.05	1.1	0.34	200
Φ2.5	3.0±0.3	0.25±0.05	1.25	0.42	200
Φ3.0	3.5±0.3	0.25±0.05	1.5	0.42	200
Φ3.5	4.0±0.3	0.25±0.05	1.75	0.42	200
Φ4.0	4.5±0.3	0.25±0.05	2.0	0.42	200
Φ4.5	5.0±0.3	0.25±0.05	2.25	0.42	200
Φ5.0	5.5±0.3	0.28±0.05	2.5	0.52	100
Φ6.0	6.5±0.3	0.28±0.05	3.0	0.52	100
Φ7.0	7.6±0.3	0.30±0.07	3.5	0.56	100
Φ8.0	8.6±0.3	0.30±0.07	4.0	0.56	100
Φ9.0	9.6±0.3	0.30±0.07	4.5	0.56	100
Φ10.0	10.7±0.4	0.30±0.07	5.0	0.56	100
Φ11.0	11.7±0.4	0.30±0.07	5.5	0.56	100
Φ12.0	12.7±0.4	0.30±0.07	6.0	0.56	100
Φ13.0	13.7±0.4	0.35±0.08	6.5	0.69	100
Φ14.0	14.7±0.4	0.35±0.08	7.0	0.69	100
Φ15.0	15.7±0.5	0.35±0.08	7.5	0.69	100
Φ16.0	16.7±0.5	0.35±0.08	8.0	0.69	100
Φ18.0	19.0±0.5	0.40±0.10	9.0	0.77	100
Φ20.0	21.0±0.5	0.40±0.10	10.0	0.77	100
Φ22.0	23.0±0.5	0.40±0.10	11.0	0.77	100
Φ25.0	26.0±1.0	0.45±0.10	12.5	0.87	50
Φ28.0	29.0±1.0	0.45±0.10	14.0	0.87	50
Φ30.0	31.5±1.0	0.45±0.10	15.0	0.87	50
Φ35.0	36.5±1.0	0.50±0.10	17.5	0.97	50
Φ40.0	42.0±1.5	0.50±0.10	20.0	0.97	50
Φ50.0	53.0±2.0	0.55±0.10	25.0	0.97	25
Φ60.0	63.0±3.0	0.60±0.15	30.0	1.17	25
Φ70.0	71.0±3.0	0.60±0.15	35.0	1.17	25
Φ80.0	81.0±3.0	0.65±0.15	40.0	1.20	25
Φ90.0	91.0±3.0	0.75±0.15	45.0	1.30	25
Φ100	101.0±3.0	0.75±0.15	50.0	1.30	25
Φ120	121.0±4.0	0.80±0.20	60.0	1.40	15
Φ150	151.0±4.0	0.80±0.20	75.0	1.50	15
Φ180	181.0±4.0	0.80±0.20	90.0	1.60	15

Size (inch)	Inside diameter (mm/inch)		Wall thickness (mm/inch)	Standard Length (m/spool)
	As supplied (min.)	After recovery (max.)	After recovery	
3/64	1.2(0.046)	0.6(0.023)	0.40±0.08 (0.016±0.003)	200
1/16	1.6(0.063)	0.8(0.031)	0.43±0.08 (0.017±0.003)	200
3/32	2.4(0.093)	1.2(0.046)	0.51±0.08 (0.020±0.003)	200
1/8	3.2(0.125)	1.6(0.062)	0.51±0.08 (0.020±0.003)	200
3/16	4.8(0.187)	2.4(0.093)	0.51±0.08 (0.020±0.003)	100
1/4	6.4(0.250)	3.2(0.125)	0.64±0.08 (0.025±0.003)	100
3/8	9.5(0.375)	4.8(0.187)	0.64±0.08 (0.025±0.003)	100
1/2	12.7(0.500)	6.4(0.250)	0.64±0.08 (0.025±0.003)	100
3/4	19.1(0.750)	9.5(0.375)	0.76±0.08 (0.030±0.003)	100
1	25.4(1.000)	12.7(0.500)	0.89±0.12 (0.035±0.005)	50
1 1/4	31.8(1.250)	15.9(0.625)	1.02±0.15 (0.040±0.006)	50
1 1/2	38.1(1.500)	19.1(0.750)	1.02±0.15 (0.040±0.006)	50
2	50.8(2.000)	25.4(1.000)	1.14±0.16 (0.045±0.007)	25

Non standard sizes are available upon request.
 Cut pieces available upon request.