

HST-135G heat shrink tube



Description:

HST-135G heat shrink tube is a tough, flexible, general purpose polyolefin tubing with good resistance to common fluids and solvents and a high dielectric strength. Its unique blend of chemical, electrical, and physical properties makes it suitable for a wide range of applications, including electrical insulation, strain relief, cable bundling, color-coding and identification of wires, cables, pipes, and electrical and electronic components, and mechanical protection.

Product Features/Benefits:

- HST-135G2 2:1 shrink ratio
- HST-135G3 3:1 shrink ratio
- HST-135G4 4:1 shrink ratio
- Very good chemical and solvent resistance
- Flexible
- Excellent physical and electrical performance
- RoHS compliant

Installation:

Minimum shrink temperature: 84°C

Minimum full recovery temperature: 120°C

Operating Temperature Range: -55°C to 135°C

Technical index:

Performance:	Index:	Test according:
Tensile Strength	≥10.4MPa	ASTM D 2671
Elongation at break	≥200%	ASTM D 2671
Thermal aging tensile strength	≥7.3MPa	175°C×168h
Elongation at break after heat aging	≥100%	175°C×168h
First change rate	-5%—+5%	ASTM D 2671
Flame retardant	VW-1	ASTM D 2671 C
Withstand voltage (rated volt 600v)	2500v, 1min no breakdown	UL 224
Thermal shock	No cracks, no drips	UL 224 ,250°C×4h
Breakdown strength	≥15kv/mm	ASTM D 149
Volume resistivity	≥10 ¹⁴ Ω.cm	IEC 60093

Tensile Strength	≥10.4MPa		ASTM D 2671	
Specifications:(can be custom according to given specification)				
Spec (cm)	Inside Diameter Supply	Maximum size after shrink(mm)		Standard Package(m/set)
		Inside Diameter	Wall Thickness	
ø1.0/0.65	1.5±0.2	≤0.65	0.36±0.10	200
ø1.5/0.85	2.0±0.2	≤0.85	0.36±0.10	200
ø2.0/1.00	2.5±0.2	≤1.00	0.45±0.10	200
ø2.5/1.30	3.0±0.2	≤1.30	0.45±0.10	200
ø3.0/1.50	3.5±0.2	≤1.50	0.45±0.10	200
ø3.5/1.80	4.0±0.2	≤1.80	0.45±0.10	200
ø4.0/2.00	4.5±0.2	≤2.00	0.45±0.10	200
ø4.5/2.30	5.0±0.2	≤2.30	0.45±0.10	200
ø5.0/2.50	5.5±0.2	≤2.50	0.56±0.10	100
ø5.5/2.75	6.0±0.2	≤2.75	0.56±0.10	100
ø6.0/3.00	6.5±0.2	≤3.00	0.56±0.10	100
ø7.0/3.50	7.5±0.3	≤3.50	0.56±0.10	100
ø8.0/4.00	8.5±0.3	≤4.00	0.56±0.10	100
ø9.0/4.50	9.5±0.3	≤4.50	0.56±0.10	100
ø10/5.00	10.5±0.3	≤5.00	0.56±0.10	100
ø11/5.50	11.5±0.3	≤5.50	0.56±0.10	100
ø12/6.00	12.5±0.3	≤6.00	0.56±0.10	100
ø13/6.50	13.5±0.3	≤6.50	0.70±0.10	100
ø14/7.00	14.5±0.3	≤7.00	0.70±0.10	100
ø15/7.50	15.5±0.4	≤7.50	0.70±0.10	100
ø16/8.00	16.5±0.4	≤8.00	0.70±0.10	100
ø17/8.50	17.5±0.4	≤8.50	0.70±0.10	200
ø18/9.00	19.0±0.5	≤9.00	0.70±0.10	100
ø20/10.0	22.0±0.5	≤10.0	0.80±0.15	100
ø22/11.0	24±0.5	≤11.0	0.80±0.15	100
ø25/12.5	26±0.5	≤12.50	0.90±0.15	50
ø28/14.0	29±0.5	≤14.0	0.90±0.15	50
ø30/15.0	31.5±1.0	≤15.0	1.00±0.15	50
ø35/17.5	36.5±1.0	≤17.5	1.00±0.15	50
ø40/20.0	41.5±1.0	≤20.0	1.00±0.15	50
ø50/25.0	≥50	≤25.0	1.10±0.15	25
ø60/30.0	≥60	≤30.0	1.20±0.15	25
ø70/35.0	≥70	≤35.0	1.30±0.15	25
ø80/40.0	≥80	≤40.0	1.30±0.20	25
ø90/45.0	≥90	≤45.0	1.30±0.20	25
ø100/50.0	≥100	≤50.0	1.30±0.20	25
ø120/60.0	≥120	≤60.0	1.30±0.20	25
ø150/75.0	≥150	≤75.0	1.30±0.20	25

ø180/90.0	≥180	≤90.0	1.30±0.20	25
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Specifications of HST-135G3:

Spec (cm)	Inside Diameter Supply	Maximum size after shrink(mm)		Standard Package(m/set)
		Inside Diameter	Wall Thickness	
ø1.5/0.5	≥1.50	≤0.5	0.45±0.10	200
ø3.0/1.0	≥3.00	≤1.0	0.55±0.10	200
ø4.5/1.5	≥4.50	≤1.5	0.60±0.10	100
ø6.0/2.0	≥6.00	≤2.0	0.65±0.10	100
ø9/3	≥9.00	≤3.0	0.75±0.15	50
ø12/4	≥12.0	≤4.0	0.75±0.15	50
ø15/5	≥15.0	≤5.0	0.80±0.15	50
ø18/6	≥18.0	≤6.0	0.85±0.15	50
ø24/8	≥24.0	≤8.0	1.00±0.20	25
ø30/10	≥30.0	≤10.0	1.15±0.20	25
ø39/13	≥39.0	≤13.0	1.50±0.20	25
ø50/16	≥50.0	≤16.0	2.50±0.20	25
ø60/20	≥60.0	≤20.0	2.60±0.20	25
ø70/23	≥70.0	≤23.0	2.60±0.20	25
ø80/26	≥80.0	≤26.0	2.60±0.20	25
ø90/30	≥90.0	≤30.0	2.60±0.20	25
ø100/33	≥100.0	≤33.0	2.60±0.20	25

Specifications of HST-135G4:

Spec (cm)	Inside Diameter Supply	Maximum size after shrink(mm)		Standard Package(m/set)
		Inside Diameter	Wall Thickness	
ø4/1	≥4.1	≤1.0	0.7	200
ø6/1.5	≥6.1	≤1.5	0.78	200
ø8/2	≥8.1	≤2.0	0.8	200
ø10/2.5	≥10.1	≤2.5	0.85	200
ø12/3	≥12.1	≤3.0	0.90	200
ø16/4	≥16.1	≤4.0	1.00	200
ø19.1/4.6	≥19.2	≤4.7	1.20	200
ø25.4/6.5	≥25.5	≤6.3	1.25	200
ø30/7.5	≥30.1	≤7.5	1.25	100
ø38.1/9.5	≥38.2	≤9.5	1.30	100
ø51/13	≥51.1	≤12.7	1.35	100

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