



HEAT SHRINK TUBING

HST180

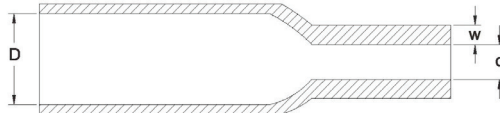
ECONOMY THIN WALL FLEXIBLE

CARDBOARD SPOOLS							LARGE			SMALL		
Order Size	Expanded		Recovered				Wire Range	Colors	Part Numbers	Spool Length	Part Numbers	Spool Length
	Internal Diameter (Min) D*	Internal Diameter (Max) d*	Internal Diameter (Min) D*	Internal Diameter (Max) d*	Wall Thickness (Min) w*							
Inches	Inches	mm	Inches	mm	Inches	mm						
1/16	0.051	1.3	0.026	0.65	0.010	0.26	0.033-0.050	Ⓟ	HST181B-BULK	656 FT	HST181B-100F	100 FT
3/32	0.091	2.3	0.039	1.00	0.013	0.35	0.048-0.075	Ⓟ	HST182B-BULK	656 FT	HST182B-100F	100 FT
1/8	0.130	3.3	0.059	1.50	0.013	0.35	22-18 AWG	Ⓟ	HST183B-BULK	656 FT	HST183B-100F	100 FT
3/16	0.189	4.8	0.091	2.30	0.018	0.46	16-12 AWG	Ⓟ Ⓡ	HST184(X)-BULK	328 FT	HST184(X)-100F	100 FT
1/4	0.248	6.3	0.118	3.00	0.018	0.46	12-10 AWG	Ⓟ Ⓡ Ⓛ	HST185(XX)-BULK	328 FT	HST185(XX)-100F	100 FT
3/8	0.362	9.2	0.177	4.50	0.018	0.46	8 AWG	Ⓟ Ⓡ Ⓛ	HST186(X)-BULK	328 FT	HST186(X)-100F	100 FT
1/2	0.480	12.2	0.236	6.00	0.018	0.46	6-4 AWG	Ⓟ	HST187B-BULK	328 FT	HST187B-100F	100 FT
3/4	0.728	18.5	0.354	9.00	0.023	0.60	2-2/0 AWG	Ⓟ	HST188B-BULK	328 FT	HST188B-50F	50 FT
1	1.004	25.5	0.492	12.50	0.029	0.75	2/0 AWG-300 MCM	Ⓟ	HST189B-BULK	164 FT	HST189B-50F	50 FT

CUT LENGTHS							6 INCH		12 INCH		48 INCH			
Order Size	Expanded		Recovered				Wire Range	Colors	Part Numbers	Pkg. Qty.	Part Numbers	Pkg. Qty.	Part Numbers	Pkg. Qty.
	Internal Diameter (Min) D*	Internal Diameter (Max) d*	Internal Diameter (Min) D*	Internal Diameter (Max) d*	Wall Thickness (Min) w*									
Inches	Inches	mm	Inches	mm	Inches	mm								
1/16	0.051	1.3	0.026	0.65	0.010	0.26	0.033"-0.050	Ⓟ	HST181B-6	10	HST181B-12	10	HST181B-48	4
3/32	0.091	2.3	0.039	1.00	0.013	0.35	0.048"-0.075	Ⓟ	HST182B-6	10	HST182B-12	10	HST182B-48	4
1/8	0.130	3.3	0.059	1.50	0.013	0.35	22-18 AWG	Ⓟ	HST183B-6	10	HST183B-12	10	HST183B-48	4
3/16	0.189	4.8	0.091	2.30	0.018	0.46	16-12 AWG	Ⓟ Ⓡ	HST184(X)-6	10	HST184(X)-12	10	HST184(X)-48	4
1/4	0.248	6.3	0.118	3.00	0.018	0.46	12-10 AWG	Ⓟ Ⓡ Ⓛ	HST185(XX)-6	10	HST185(XX)-12	10	HST185(XX)-48	4
3/8	0.362	9.2	0.177	4.50	0.018	0.46	8 AWG	Ⓟ Ⓡ Ⓛ	HST186(X)-6	10	HST186(X)-12	10	HST186(X)-48	4
1/2	0.480	12.2	0.236	6.00	0.018	0.46	6-4 AWG	Ⓟ	HST187B-6	10	HST187B-12	10	HST187B-48	4
3/4	0.728	18.5	0.354	9.00	0.023	0.60	2-2/0 AWG	Ⓟ	HST188B-6	10	HST188B-12	10	HST188B-48	4
1	1.004	25.5	0.492	12.50	0.029	0.75	2/0 AWG-300 MCM	Ⓟ	HST189B-6	10	HST189B-12	10	HST189B-48	4

When ordering replace the (XX) with the following color codes in the part number: Ⓟ Black Ⓡ Red Ⓛ Blue Ⓡ Yellow

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



Tubing Information:	
Material Description	Economy Thin Wall Flexible Polyolefin
Operating Temperature Range	-55°C to 125°C
Shrink Ratio	2:1
Voltage Rating	600V
Minimum Full Recovery (Shrink) Temperature	70°C
RoHS Compliant	RoHS Compliant
UL file information or other standards used	UL listed by MFG
Standard Available Colors	Black, Red, Blue, Yellow
Flame Retardant	Self-extinguish

Additional Technical Information:	
Tensile Strength	≥ 10.4 MPa (1500 psi)
Ultimate Elongation	≥ 200%
Flammability Rating	VW-1
Tensile Strength after Aging (175°C for 168 hrs)	≥ 7.3 MPa (1000 psi)
Ultimate Elongation after Aging (175°C for 168 hrs)	≥ 100%
Heat Shock at 250°C for 4 hrs	No cracking, No dripping
Volume Resistance or Resistivity	≥ 10 ¹⁴ ohm-cm
Cold Bend	No cracking (1 hr @ -30°C)
Longitudinal Shrinkage	≤ +0%, -5%
Dielectric Strength	≥ 15 kV/mm