

HTFE Special Products

Teflon tubing



Shelf life & storage:

Heat Shrink Product provided by Hongshang has a over 5 year's shelf life from date of manufacture when stored in a humidity controlled storage(-10°C to 40°C and < 75% relative humidity).

Ordering information:

Standard colors:
Milk white.

Applications:

HTFE is manufactured with polytetrafluoroethylene(PTFE). Specially designed for applications such as in the field of automotive, military and aerospace. HTFE provides very excellent high temperature stability, chemicals resistant, extreme electrical insulation and highly flame retardant.

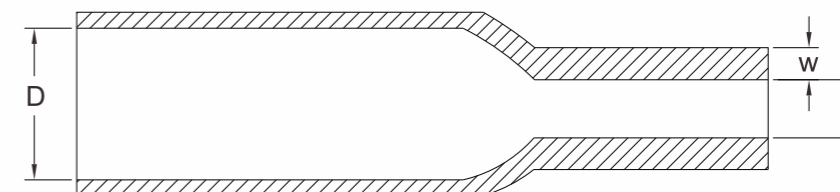
Features:

Operating temp.: -65°C to 260°C	Voltage rating: 600V
Trancelence	Highly flame retardant
Shrink ratio 1.6:1	Min. full recovery temp.: 350°C
RoHS compliant	SAE-AMS-DTL 23053/12 class 2 compliant

Typical technical performances:

Test Items	Test Method	Test Requirements
Tensile strength	ASTM D 2671	17.3MPa minimum
Ultimate elongation	ASTM D 2671	200% minimum
Tensile strength after Aging at 350°C for 96hrs	UL 224	17.3MPa minimum
Ultimate elongation after Aging at 350°C for 96hrs	UL 224	200% minimum
Heat shock at 260°C for 4hrs	ASTM D 2671	No cracking & dripping
Dielectric strength	ASTM D 2671	31.5kV/mm minimum
Volume resistance	ASTM D 876	10 ¹⁵ Ω.cm minimum
Cold bend at -65°C for 4hrs	ASTM D 2671	No cracking
Flammability	UL 224,VW-1	Pass

Dimensions:



Size	As supplied (mm)			After recovered (mm)			
	D*(Min.)	d*(Max.)	w*(Min.)	Size (mm)	As supplied (mm)	After recovered (mm)	
AWG 20	1.52	0.97	0.30	AWG 8	6.10	3.55	0.38
AWG 18	1.93	1.17	0.30	AWG 6	7.67	4.40	0.38
AWG 16	2.36	1.45	0.30	AWG 4	9.40	5.45	0.38
AWG 14	3.05	1.82	0.30	AWG 2	10.92	6.90	0.38
AWG 12	3.81	2.26	0.30	AWG 0	11.94	8.56	0.38
AWG 10	4.85	2.80	0.30				

D* = Inner diameter as supplied

d* = Inner diameter after fully recovered

w* = Wall thickness after fully recovered

H-2(Z)
Thin Wall Tubing

H-2(3X)
Thin Wall Tubing

H-2F
Thin Wall Tubing

H-2F(3X/4X)
Thin Wall Tubing

H-2F(YG)(2X/3X)
Thin Wall Tubing

H-2HF
Thin Wall Tubing

H-1
Thin Wall Tubing

HBG
Thin Wall Tubing

H-5(3X/4X)
Dual Wall Tubing

H-5(3X/4X)-F
Dual Wall Tubing

HBK
Dual Wall Tubing

HBK-CAP
Dual Wall Tubing

HSA-3000
Dual Wall Tubing

H-5(2000)
Dual Wall Tubing

H-150K
Special Products

H-175K
Special Products

HDR
Special Products

H-200E
Special Products

HTFE
Special Products

HFSP
Special Product

HBKS
Special Products

MINI-BOX
Special Products