



# H-150K Special Products

Flexible flame retardant modified fluoropolymer 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℃ to 40℃ and < 75% relative humidity).

■ Ordering information:

Standard colors:  
Black, Clear.

■ Applications:

H–150K is excellent flame retardant modified fluoropolymer tubing for applications requiring high temperature resistance, outstanding abrasion and cut through resistance or superior chemical and solvent resistant properties. It reliably protects solder joints, terminations and connections against most industrial fuels, solvents and chemicals. The glass like appearance makes it also be used as mark tubing.

■ Features:

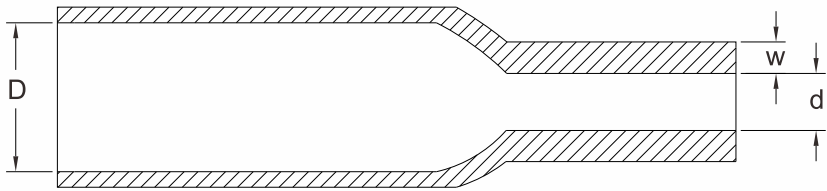
Operating temp.: -55℃ to 150℃	Voltage rating: 600V
Flexible	Highly flame retardant
Shrink ratio 2:1	Min. full recovery temp.: 150℃
RoHS compliant	SAE-AMS-DTL 23053/18 class 2
Approval: UL224 VW-1 E249362	—



■ Typical technical performances:

Test Items	Test Method	Test Requirements
Tensile strength	ASTM D 2671	18MPa minimum
Ultimate elongation	ASTM D 2671	300% minimum
Ultimate elongation after Aging at 225℃ for 168hrs	UL 224	250% minimum
Heat shock at 275℃ for 4hrs	ASTM D 2671	No cracking
Dielectric strength	ASTM D 2671	15.7kV/mm minimum
Volume resistance	ASTM D 2671	10 <sup>13</sup> Ω.cm minimum
Cold bend at -30℃ for 1hr	ASTM D 2671	No cracking
Flammability	UL 224, VW-1	Pass

■ Dimensions:



Size (Inch)	As supplied (mm)	After recovered (mm)	
	D*(Min.)	d*(Max.)	w*(Min.)
3/64	1.2	0.6	0.26
1/16	1.6	0.8	0.26
3/32	2.4	1.2	0.26
1/8	3.2	1.6	0.26
3/16	4.8	2.4	0.26
1/4	6.4	3.2	0.26
3/8	9.5	4.8	0.30
1/2	12.7	6.4	0.30
3/4	19.1	9.5	0.30
1	25.4	12.7	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

HBGS  
Special Products

MINI-BOX  
Special Products