

H-175K Special Products

Rigid flame retardant PVDF 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:
Black, Clear.

Applications:

H-175K is PVDF tubing for applications requiring high temperature performance, outstanding abrasion and cut through resistance or superior chemical and solvent resistant properties. It reliably protects wires, solder joints, terminals and connections and components from most industrial fuels, solvents and chemicals.

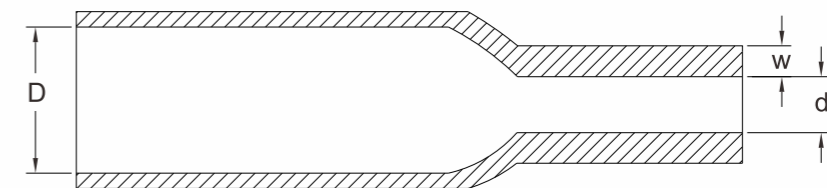
Features:

Operating temp.: -55°C to 175°C	Voltage rating: 600V
Rigid	Highly flame retardant
Shrink ratio 2:1	Min. full recovery temp.: 175°C
RoHS compliant	SAE-AMS-DTL 23053/8 compliant
Approval : UL224 VW-1 E249362	—

Typical technical performances:

Test Items	Test Method	Test Requirements
Tensile strength	ASTM D 2671	34.5MPa minimum
Ultimate elongation	ASTM D 2671	150% minimum
Ultimate elongation after Aging at 250°C for 168hrs	UL 224	50% minimum
Heat shock at 300°C for 4hrs	ASTM D 2671	No cracking & dripping
Dielectric strength	ASTM D 2671	25kV/mm minimum
Volume resistance	ASTM D 2671	10 ¹³ Ω.cm minimum
Cold bend at -40°C for 4hrs	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	0.20
1/16	1.6	0.8	0.20
3/32	2.4	1.2	0.23
1/8	3.2	1.6	0.23
3/16	4.8	2.4	0.23
1/4	6.4	3.2	0.23
3/8	9.5	4.8	0.28
1/2	12.7	6.4	0.32
3/4	19.1	9.5	0.36
1	25.4	12.7	0.41

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
- HBCS
Special Products
- MINI-BOX
Special Products