



H-200E Special Products

Fluoroelastomer flame retardant 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.

Applications:

Made from modified fluoroelastomer(Viton), with superior impact, abrasion and cut through resistant. It is suitable to many applications requiring high resistance to corrosive fluids, fuels, lubricants, acids and solvents at elevated temperature.

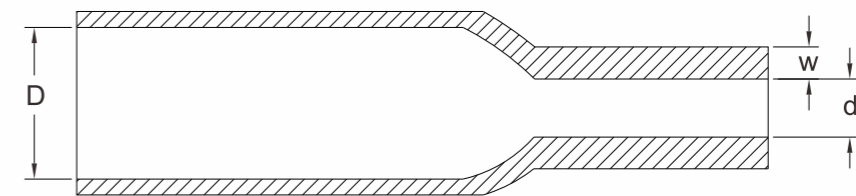
Features:

Operating temp.: -40°C to 200°C	Voltage rating: 600V
Very flexible	Flame retardant VW-1
Shrink ratio 2:1	Min. full recovery temp.: 175°C
RoHS compliant	SAE-AMS-DTL 23053/13 compliant
Approval UL 224, VW-1 E249362	—

Typical technical performances:

Test Items	Test Method	Test Requirements
Tensile strength	ASTM D 2671	8.2MPa minimum
Ultimate elongation	ASTM D 2671	250% minimum
Tensile strength after Aging at 250°C for 168hrs	UL 224	8.2MPa minimum
Ultimate elongation after Aging at 250°C for 168hrs	UL 224	200% minimum
Heat shock at 300°C for 4hrs	ASTM D 2671	No cracking & dripping
Dielectric strength	ASTM D 2671	7.9kV/mm minimum
Volume resistance	ASTM D 2671	10 ⁹ Ω.cm minimum
Cold bend at -40°C for 4hr	ASTM D 2671	No cracking
Flammability	UL 224,VW-1	Pass
Fluid resistance Tensile strength Ultimate elongation	ASTM D 2671, diesel fuel 70°C/24hrs	8.2MPa minimum 250% minimum

Dimensions:



Size (Inch)	As supplied (mm)		After recovered (mm)	
	D*(Min.)	d*(Max.)	d*(Max.)	w*(Min.)
1/8	3.2	1.6	1.6	0.80
3/16	4.8	2.4	2.4	0.95
1/4	6.4	3.2	3.2	0.98
3/8	9.5	4.8	4.8	1.00
1/2	12.7	6.4	6.4	1.16
3/4	19.1	9.5	9.5	1.49
1	25.4	12.7	12.7	1.85

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