

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

Flexible highly 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.

Special colors:

Special colors are available on request.

Applications:

H-2F(3X) is widely used for electrical insulation, bundling and marking to prevent corrosion and provided mechanical protection. 3:1 shrink ratio more suitable for application to irregular, awkward shapes. H-2F(4X) is widely used in some important fields such as military, aerospace and fine electronic instruments for insulating or repairing harness, cables and connectors.

Features:

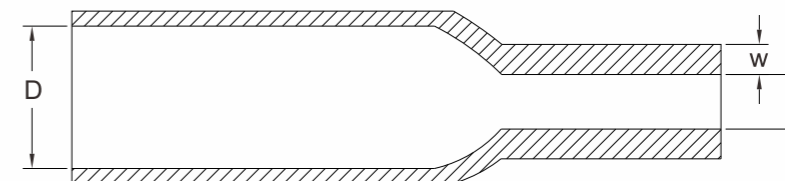
Operating temp.: -55°C to 135°C	Voltage rating: 600V
UV resistant(black)	Flame retardant VW-1
Flexible	Shrink ratio 3:1; 4:1
Min. full recovery temp.: 105°C	Approvals: UL 224 E204071
SAE-AMS-DTL 23053/5 Class1(colors); Class 2(clear)	RoHS compliant



Typical technical performances:

Test Items	Test Method	Test Requirements
Tensile strength	ASTM D 2671	10.4MPa minimum
Ultimate elongation	ASTM D 2671	200% minimum
Tensile strength after Aging at 175°C for 168 hrs	UL 224	70% retention minimum
Ultimate elongation after Aging at 175°C for 168hrs	UL 224	100% minimum
Heat shock at 250°C for 4hrs	UL 224	No dropping & cracking
Flammability	UL 224	VW-1
Volume resistance	UL 224	10 ¹⁴ Ω.cm minimum
Cold bend at -30°C for 1hr	ASTM D 2671	No cracking

Dimensions:



Size (Inch)	As supplied (mm)	After recovered (mm)	
	D*(Min.)	d*(Max.)	w*(Min.)
H-2F(3X)			
1/16	1.6	0.5	0.45
1/8	3.2	1.1	0.50
3/16	4.8	1.6	0.60
1/4	6.4	2.1	0.65
3/8	9.5	3.2	0.75
1/2	12.7	4.2	0.80
3/4	19.1	6.4	0.90
1	25.4	8.5	1.20
1 1/2	39.0	13.0	1.25
H-2F(4X)			
3/4	19.1	4.8	1.80
1	25.4	7.0	1.80
1 1/2	38.1	9.5	1.80
2	50.8	14.0	1.80
3	76.2	21.3	1.80
4	101.6	26.7	1.90
4 1/2	114.3	36.8	1.90

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

HD-2000
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