



HBCS Special Products

Water proof splice

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:
Clear red, Clear yellow, Clear blue.

Applications:

It is manufactured by co-extrusion of super high strength polymeric materials and hot-melt adhesive. Designed to provide both insulation and sealing for wire connector.

Features:

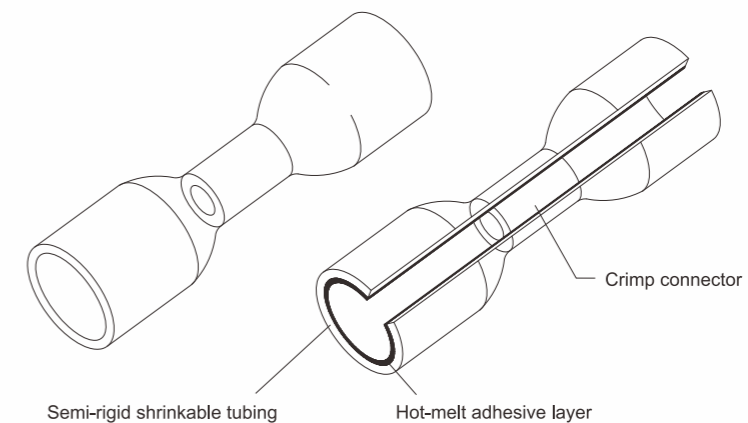
Shrink ratio: 3:1	Operating temp.: -55°C to 125°C
Min. full recovery temp.: 110°C	—



Typical technical performances:

Test Items	Test Method	Test Requirements
Tensile strength	ASTM D 2671	26MPa minimum
Elongation at break	ASTM D 2671	500% minimum
Heat aging Tensile strength Ultimate elongation	ASTM D 2671(165 ± 5°C/168hrs)	13MPa minimum 300% minimum
Heat shock	ASTM D 2671(250°C/4hrs)	No cracking, flowing of outer wall
Cold bend	ASTM D 2671(-40°C/1hr)	No cracking
Voltage withstand AC 2500V, 60seconds	ASTM D 2671	No breakdown
Volume resistance	ASTM D 2671	10 ¹⁴ Ω.cm minimum
Water absorption	ASTM D 570	0.5% maximum
Fluid resistance(23°C/24hrs)	ASTM D 2671	Good to excellent
Specific gravity		0.96(nom.)
Dielectric strength	ASTM D 2671	30KV/mm minimum

Dimensions:



Standard color	Size (mm)	As supplied (mm)	After recovered (mm)			Cut length (mm)	Standard length (m)
		Inside diameter (Min.)	Inside diameter (Max.)	Total Wall thickness (nom.)	Adhesive Thickness (nom.)		
Red	HBCS-1	4.3	1.4	1.30	0.45	38	200
Blue	HBCS-2	5.0	1.8	1.35	0.45	38	100
Yellow	HBCS-3	5.5	2.2	1.35	0.45	42	50

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