



# HRA-6X Heavy Wall Tubing

Heavy wall tubing with hot melt adhesive coating



### 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 environment (-10°C to 40°C and <75% relative humidity).

### Ordering information:

Standard colors:  
Black.

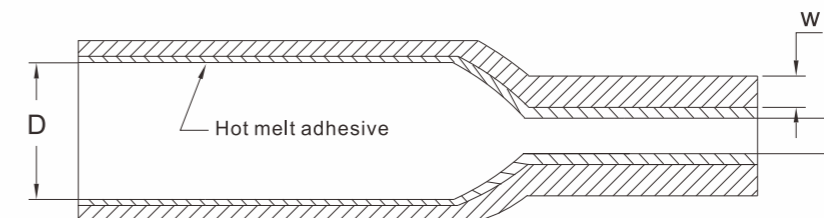
### Features:

Dual wall, hot melt adhesive inner liner	UV resistant
Flammable	Semi-rigid
Shrink ratio 6:1	Min. full recovery temp.: 120°C
UV resistant	Supply in cut piece with max.1.5m in length

### Typical technical performances:

Test Items	Test Method	Test Requirements
Tensile strength	ASTM D 2671	12MPa min.
Ultimate elongation	ASTM D 2671	350% min.
Tensile strength after Aging at 150°C for 168hrs	ASTM D 2671	12MPa min.
Ultimate elongation after Aging at 150°C for 168hrs	ASTM D 2671	300% min.
Density	ASTM D 792	1.0~1.1g/cm <sup>3</sup>
Dielectric strength	ASTM D 60243	12kV/mm(2mm) min.
Volume resistivity	ASTM D 2671	10 <sup>12</sup> Ω.cm min.
Low temperature flexibility -40°C/4hrs	ASTM D 2671	No cracking of outer jacket
Properties of hot melt adhesive		
Softening point	ASTM E28	85+/-5°C
Peel strength(PE)	ASTM D 2671	4N/cm min.
Water absorption	ISO 62	0.2% max.

### Dimensions:



Size (mm)	As supplied (mm)		After recovered (mm)		Standard length (m)	Size (mm)	As supplied (mm)		After recovered (mm)		Standard length (m)
	D* (Min.)	d* (Max.)	w (Min.)				D* (Min.)	d* (Max.)	w (Min.)		
19/3.2	19.0	3.2	3.2		1.0-1.22	69.8/11.7	69.8	11.7	4.7		1.0-1.22
33/5.5	33.0	5.5	3.4		1.0-1.22	88.9/17.1	88.9	17.1	4.7		1.0-1.22
44.4/7.4	44.4	7.4	3.6		1.0-1.22	119.4/22.9	119.4	22.9	4.7		1.0-1.22
50.8/8.3	50.8	8.3	4.7		1.0-1.22	235/40	235.0	40.0	4.7		1.0

D\* = Inner diameter as supplied  
d\* = Inner diameter after fully recovered

HRA2/HR2  
Medium Wall Tubing

HRTM  
Medium Wall Tubing

HRA3/HR3  
Heavy Wall Tubing

HRTH  
Heavy Wall Tubing

HRA-6X  
Heavy Wall Tubing

HRS  
Medium Wall Tubing

HAT/HATA  
Anti-tracking Tubing

HSCT  
Semi-conductive Tubing

HSC-100  
Stress Control Tubing

HSC-360  
Stress Control Tubing

HDWT  
Twin Layer Tubing

HTRT  
Triple Layer Tubing

HGT  
High Insulation Tubing

HEGT  
High Insulation Tubing

HOT  
Oil Resistant Tubing

HBTM/HBTH  
Busbar Insulation Tubing

Mastic tape  
Tape 55/  
Tape 65/Tape 75

HLB  
Low Voltage Breakout

HSEC  
Insulating End Cap

HCFT  
Cable Feed Thoughts

HCB  
Conductive Breakout

HAS/HMB/HMR  
Anti-tracking Rain Shed/Breakout/Boot