



## HRA2/HR2

Medium Wall Tubing with/  
without Hot Melting Adhesive



### Features:

- Modified Wall Tubing with adhesive
- Good environmental protection
- Good electrical & Mechanical performance
- Ideal for LV applications
- UV resistant
- Operating temp.: -55°C to +125°C
- Min. full recovery temp.: 120°C

### Dimensions:

Size (mm)	As supplied (mm)		After recovered (mm)		Standard length
	D*(Min.)	d*(Max.)	w*(Min.)		
HRA2 8/2	8	2	1.7		1000-1500mm
HRA2 12/3	12	3	1.8		1000-1500mm
HRA2 16/5	16	5	2.0		1000-1500mm
HRA2 22/6	22	6	2.2		1000-1500mm
HRA2 28/6	28	6	2.5		1000-1500mm
HRA2 33/8	33	8	2.5		1000-1500mm
HRA2 40/12	40	12	2.5		1000-1500mm
HRA2 55/16	55	16	2.7		1000-1500mm
HRA2 65/19	65	19	2.8		1000-1500mm
HRA2 75/22	75	22	3.0		1000-1500mm
HRA2 85/25	85	25	3.0		1000-1500mm
HRA2 95/25	95	25	3.0		1000-1500mm
HRA2 115/34	115	34	3.3		1000-1500mm
HRA2 140/42	140	42	3.5		1000-1500mm
HRA2 160/50	160	50	3.5		1000-1500mm
HRA2 180/58	180	58	3.5		1000-1500mm
HRA2 205/65	205	65	3.5		1000-1500mm
HRA2 235/65	235	65	3.7		1000-1500mm
HRA2 265/75	265	75	4.0		1000-1500mm
HRA2 300/75	300	75	4.0		1000-1500mm
HRA2 350/100	350	100	4.3		1000-1500mm
HRA2 380/150	380	150	4.3		1000-1220mm
HRA2 410/150	410	150	4.3		1000-1220mm

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

**HR2 is available with the same size of HRA2. From size 12/3 to 140/42 are 30m/spool. The other cut length of the tubing are available on request.**

## Technical properties:

Property	Test Method	Typical Data
<b>Property of jacket</b>		
Tensile strength	ASTM D 2671	≥14 Mpa
Ultimate elongation	ASTM D 2671	≥400%
Heat aging		
Tensile strength	ASTM D 2671/150°C, 168 hrs.	> 12 MPa
Ultimate elongation		>300%
Density	ASTM D 792	1.05g/cm <sup>3</sup>
Longitudinal shrinkage	UL 224	0 to -10%
Dielectric strength	IEC 243	≥18kV/mm
Volume resistance	IEC 93	≥10 <sup>13</sup> Ω.cm
Copper stability	ASTM D 2671	Pass
Water absorption	ISO 62/23°C, 14days	<0.15%
<b>Property of adhesive</b>		
Water absorption	ISO 62	<0.2%
Softening point	ASTM E28	85±5°C
Peel strength (PE)	DIN 30672	4 N/cm
Resistance to fungus and decay	ISO 846	Pass

## Ordering information:

### Standard colors:

Black

### Special colors:

N/A

### Packaging:

Standard packaging on 1m, 1.22m, 1.5m lengths

Other: Other cut lengths are available, please contact our sales department.