



# HRTH

Heavy Wall Tubing with Hot Melting Adhesive



### Features:

- Heavy wall adhesive coated crosslinked polyolefin
- Co extrusion technology
- Good sealing & shrinking property
- Excellent mechanical performance
- UV resistant
- Operating temp.: -55°C to +110°C
- Min. full recovery temp.: 120°C

### Dimensions:

| Size (mm)  | As supplied (mm) |          | After recovered (mm) |  | Standard length |
|------------|------------------|----------|----------------------|--|-----------------|
|            | D*(Min.)         | d*(Max.) | w*(Min.)             |  |                 |
| HRTH 9/3   | 9                | 3        | 2.0                  |  | 1000-1500mm     |
| HRTH 15/4  | 15               | 4        | 2.4                  |  | 1000-1500mm     |
| HRTH 22/6  | 22               | 6        | 2.5                  |  | 1000-1500mm     |
| HRTH 33/8  | 33               | 8        | 3.2                  |  | 1000-1500mm     |
| HRTH 45/12 | 45               | 12       | 4.3                  |  | 1000-1500mm     |
| HRTH 55/16 | 55               | 16       | 4.3                  |  | 1000-1500mm     |

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

### 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 spools.

Special: 1m, 1.2m; 1.5m pieces are available on request

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