

### Technical Data

|                                  |                                        |
|----------------------------------|----------------------------------------|
| Base material                    | : Polyolefin, cross-linked (POX)       |
| Colour                           | : see below                            |
| Continuous operating temperature | : -55 °C to +135 °C                    |
| Shrink temperature               | : +120 °C                              |
| Longitudinal change              | : ± 5% max.                            |
| Shrink ratio                     | : 2 : 1                                |
| Isolation class                  | : B (VDE 0530)                         |
| Accreditation                    | : UL224 125°C 600V VW-1 (except clear) |



|                                        | Claimed values                     | Typical values | Test method |
|----------------------------------------|------------------------------------|----------------|-------------|
| Dielectric strength                    | : 10 kV/mm min.                    | 25 kV/mm       | IEC 684 P2  |
| Tensile strength                       | : 10 MPa min.                      | 17 MPa         | IEC 684 P2  |
| Elongation at break                    | : 250% min.                        | 800%           | IEC 684 P2  |
| Heat aging 168 h/175 °C                |                                    |                |             |
| Tensile strength                       | : 10 MPa min.                      | 12 MPa         | IEC 684 P2  |
| - Ultimate elongation                  | : 150 %                            | 350%           | IEC 684 P2  |
| Heat shock 4 h/250 °C                  | : no cracking, flowing or dripping |                | IEC 684 P2  |
| Low temperature flexibility 4 h/-55 °C | : no cracking                      |                | IEC 684 P2  |
| Flammability                           | : self extinguishing               |                | ASTM D 2671 |
| Water absorption                       | : 0,5% max                         | 0,15%          | ASTM D 570  |

### Type designation and technical data

| Order no.   | Type     | As supplied               | Fully recovered           |                           | Packing content |
|-------------|----------|---------------------------|---------------------------|---------------------------|-----------------|
|             |          | Inner diameter<br>mm min. | Inner diameter<br>mm max. | Wall thickness<br>mm nom. |                 |
| 300-3012_*) | HIS-3/64 | 1,20                      | 0,60                      | 0,40                      | 10              |
| 300-3016_*) | HIS-1/16 | 1,60                      | 0,80                      | 0,40                      | 10              |
| 300-3024_*) | HIS-3/32 | 2,40                      | 1,20                      | 0,50                      | 10              |
| 300-3032_*) | HIS-1/8  | 3,20                      | 1,60                      | 0,50                      | 10              |
| 300-3048_*) | HIS-3/16 | 4,80                      | 2,40                      | 0,50                      | 10              |
| 300-3064_*) | HIS-1/4  | 6,40                      | 3,20                      | 0,60                      | 5               |
| 300-3095_*) | HIS-3/8  | 9,50                      | 4,70                      | 0,60                      | 5               |
| 300-3127_*) | HIS-1/2  | 12,70                     | 6,40                      | 0,60                      | 5               |
| 300-3190_*) | HIS-3/4  | 19,10                     | 9,50                      | 0,80                      | 5               |
| 300-3254_*) | HIS-1    | 25,40                     | 12,70                     | 0,90                      | 5               |

\*) Kennzeichnung der Farbe in der Bestellnummer

|           |              |          |           |            |                      |
|-----------|--------------|----------|-----------|------------|----------------------|
| Colour    | : Black (BK) | Red (RD) | Blue (BU) | Clear (CL) | Green/Yellow (GNYE)* |
| Order-No. | : 0          | 2        | 6         | 3          | 7                    |

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This information is based on our experience and does not imply suitability without prior testing. Due to the variables of manufacture and environmental conditions it is strongly recommended that samples are tested in-situ