



Product Specification

| | | | |
|--------------|-----------------------|--------------------------|-------------------------|
| Name | Cold Shrink EPDM Tube | Drafted by/Date | Xing Jiamin /2021.04.01 |
| Spec. | All | Approved by/ Date | Hu Xifu/2021.04.01 |

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I. Material Property

| No. | Item | Unit | Typical value | Test Method |
|-----|---------------------|--------------------------|--------------------|-------------|
| 1 | Texture of material | / | EPDM | / |
| 2 | Nominal Color | / | Black | / |
| 3 | Hardness | Shore A | 38 | ISO 7619 |
| 4 | Tensile strength | MPa | 8.0 | ISO 37 |
| 5 | Elongation at break | % | 750 | ISO 37 |
| 6 | Tear strength | kN/m | 32 | ISO 34 |
| 7 | Electric strength | kV/mm | 14 | IEC 60243 |
| 8 | Volume resistivity | $\Omega \cdot \text{cm}$ | 1×10^{15} | IEC 60093 |

Remark: Above result is based on test pieces.

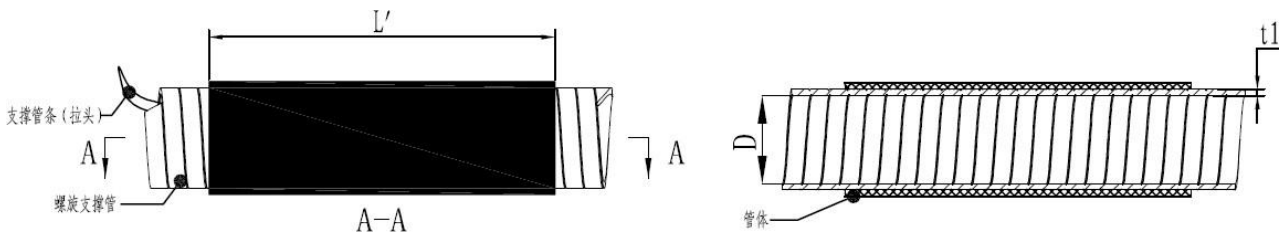
II. Product Reliability

| No. | Item | Property index | Result |
|-----|---|----------------|--------|
| 1 | Seal and protection property at environment temperature | IP67 | Pass |
| 2 | Service temperature | -35~90°C | |

Remark: During the storage period, pay attention to prevent rain, sunshine, heavy pressure and sharp body.



III. Specification



| Spec. | | ID before ØD/mm | After full Shrunk Length/mm | Application Range/mm |
|--------------------------------|-------|--------------------|-----------------------------------|-------------------------|
| General expansion ratio | Ø 20 | 20±2 | 50~550 | Ø 8- Ø 15 |
| | Ø 25 | 25±2 | 50~550 | Ø 10- Ø 20 |
| | Ø 35 | 35±2 | 50~550 | Ø 14- Ø 30 |
| | Ø 40 | 40±2 | 50~550 | Ø 17.5- Ø 33 |
| | Ø 53 | 53±2 | 50~550 | Ø 25- Ø 46 |
| | Ø 70 | 70±2 | 50~470 | Ø 32- Ø 63 |
| | Ø 104 | 104±3 | 50~470 | Ø 43- Ø 94 |
| | Ø 125 | 125±3 | 50~470 | Ø 46- Ø 114 |
| | Ø 150 | 150±3 | 50~470 | Ø 55- Ø 135 |
| Spec. | | ID before ØD/mm | After full Shrunk Length/mm | Application Range/mm |
| High expansion ratio | Ø32 | 32±2 | 50~550 | Ø 12- Ø 28 |
| | Ø 35 | 35±2 | 50~550 | Ø12.5~ Ø30 |
| | Ø 40 | 40±2 | 50~550 | Ø14~ Ø33 |
| | Ø 53 | 53±2 | 50~550 | Ø19~ Ø46 |
| | Ø60 | 60±2 | 50~470 | Ø 20.5~ Ø 51 |
| | Ø 70 | 70±2 | 50~470 | Ø25~ Ø63 |
| | Ø 80 | 80±3 | 50~470 | Ø27.4~ Ø70 |

ID: inner diameter

NOTE: Other specification is available upon request.