

Heat Shrink Boots are manufactured from high quality cross-linked Polyolefin material conforming to stringent military specifications.

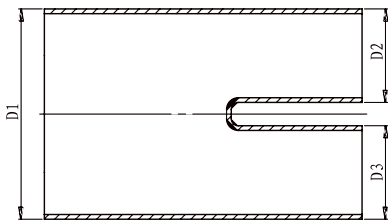
This boot provides an exceptional insulation, strain-relief & long term service reliability in connector joints of cable harness.

### Features and Benefits :

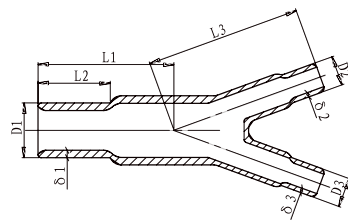
- Made of semi-rigid flame-retarded polyolefin.
- Provide strong mechanical protection, strain relief and complete environmental sealing on cable harness assemblies.
- Provided with or without adhesive lining.
- Standard colour : Black.

### Technical Specification

| Property                                       | Standard Value                   | Test Standard |
|--|----------------------------------|---------------|
| Oxygen Index                                   | ≥28%                             | ISO 4589      |
| Dielectric Strength                            | ≥20kV/mm                         | IEC 60243     |
| <b>Physical Properties</b>                     |                                  |               |
| Tensile Strength                               | ≥15MPa                           | ASTM-D-2671   |
| Elongation at Break                            | ≥500%                            | ASTM-D-2671   |
| Hardness (Shore A)                             | 90±2                             | ISO 868       |
| Elongation at break after ageing (130°C, 168h) | ≥400%                            | ASTM-D-2671   |
| Heat Shock (200°C, 4h)                         | No dripping, flowing or cracking | UL 224        |
| Low temperature flexibility                    | -55°C                            | ISO 974       |
| <b>Solvent Resistance (23°C, 24h)</b>          |                                  |               |
| <b>Gasoline</b>                                |                                  |               |
| Tensile strength                               | ≥11Mpa                           | ASTM-D-2671   |
| Elongation at break                            | ≥400%                            | ASTM-D-2671   |
| <b>Diesel Oil</b>                              |                                  |               |
| Tensile Strength                               | ≥10Mpa                           | ASTM-D-2671   |
| Elongation at break                            | ≥350%                            | ASTM-D-2671   |
| <b>Acid &amp; Alkali</b>                       |                                  |               |
| Tensile Strength                               | ≥12Mpa                           | ASTM-D-2671   |
| Elongation at break                            | ≥400%                            | ASTM-D-2671   |



(a) As Supplied



(b) After Unrestricted Recovery

### Selection Chart

| Product Code | D1      |         | D2, 3   |         | L1<br>±10% | L2<br>±10% | L3<br>±10% | T1<br>±20% | T2, T3<br>±20% |
|--------------|---------|---------|---------|---------|------------|------------|------------|------------|----------------|
|              | a (min) | b (max) | a (min) | b (max) |            |            |            |            |                |
| GHS2-N-306   | 13.5    | 6       | 6.6     | 3.3     | 24         | 15.5       | 25         | 2          | 1.5            |
| GHS2-N-612   | 27      | 12.4    | 13.2    | 6.1     | 53.3       | 33         | 55         | 2.5        | 2              |
| GHS2-N-1218  | 39      | 18      | 27      | 12.4    | 79         | 56         | 80         | 3          | 2.5            |

\*All dimensions are in mm.