




## 3:1 Adhesive Lined Heat Shrink

3.2-39mm Diameter

|                                 |  |  |
|---------------------------------|--|--|
| • <b>Shrink Ratio:</b>          | 3:1.   | <b>Standard:</b> UL 224<br>   |
| • <b>Operating Temperature:</b> | -55°C to +110°C  |  |
| • <b>Material:</b>              | Polyolefin - Dual wall adhesive lined.   |  |
| • <b>Shrink Properties:</b>     | Shrinkable temperature: 80°C<br>Longitudinal shrinking less than 5%.   |  |
| • <b>Features:</b>              | Flexible adhesive lined heat shrink manufactured to give a moisture proof seal in a wide range of applications.<br>Chemical resistance: Fuel, hydraulic fluid and lubricating oil. |  |
| • <b>Application:</b>           | Sealing electrical components, cable harnesses, cable ends and splices.  |  |



| Item No.     | Colour | Length (m) | Supplied Internal Diameter Min. (mm) | Recovered Internal Diameter Min. (mm) | Wall Thickness After Recovery (mm) | Adhesive Thickness (mm) |
|--------------|--------|------------|--------------------------------------|---------------------------------------|------------------------------------|-------------------------|
| HA3.2-BLA    | Black  | 150        | 3.2                                  | 1.1                                   | 1.00 (±0.28)                       | 0.30                    |
| HA4.8-BLA    | Black  | 75         | 4.8                                  | 1.6                                   | 1.00 (±0.28)                       | 0.30                    |
| HA6.4-BLA    | Black  | 60         | 6.4                                  | 2.1                                   | 1.00 (±0.28)                       | 0.30                    |
| HA9.5-BLA    | Black  | 60         | 9.5                                  | 3.2                                   | 1.40 (±0.28)                       | 0.45                    |
| HA12.7-BLA   | Black  | 25         | 12.7                                 | 4.2                                   | 1.78 (±0.38)                       | 0.53                    |
| HA19.1-BLA   | Black  | 25         | 19.1                                 | 6.4                                   | 2.25 (±0.55)                       | 0.68                    |
| HA25.4-BLA   | Black  | 25         | 25.4                                 | 8.4                                   | 2.54 (±0.55)                       | 0.76                    |
| HA39-BLA     | Black  | 25         | 39.0                                 | 12.7                                  | 2.54 (±0.55)                       | 0.76                    |
| HA3.2-1.2BK  | Black  | 1.2        | 3.2                                  | 1.1                                   | 1.00 (±0.28)                       | 0.30                    |
| HA4.8-1.2BK  | Black  | 1.2        | 4.8                                  | 1.6                                   | 1.00 (±0.28)                       | 0.30                    |
| HA6.4-1.2BK  | Black  | 1.2        | 6.4                                  | 2.1                                   | 1.00 (±0.28)                       | 0.30                    |
| HA9.5-1.2BK  | Black  | 1.2        | 9.5                                  | 3.2                                   | 1.40 (±0.28)                       | 0.45                    |
| HA12.7-1.2BK | Black  | 1.2        | 12.7                                 | 4.2                                   | 1.78 (±0.38)                       | 0.53                    |
| HA19.1-1.2BK | Black  | 1.2        | 19.1                                 | 6.4                                   | 2.25 (±0.55)                       | 0.68                    |
| HA25.4-1.2BK | Black  | 1.2        | 25.4                                 | 8.4                                   | 2.54 (±0.55)                       | 0.76                    |
| HA39-1.2BK   | Black  | 1.2        | 39.0                                 | 12.7                                  | 2.54 (±0.55)                       | 0.76                    |