

# HYPERFOIL G10AL25-SP - Advanced Heat Protection Sheeting

## Applications

- Protection of Control Cables.
- Heat Shielding of Forges & Ovens against temperatures up to a peak of 1,200°
- Protection of Heat-Sensitive Components from Radiant & Conductive heat sources.
- Protection of Wire Harnesses, Fuel Lines, Hydraulic Lines which are in close proximity to high-temperature zones, such as exhausts.

## Features & Benefits

- Excellent Flexibility
- Made of aluminium foil
- Laminated to a silicone elastomer fibreglass fabric
- Protects against high-temperature zones



## Product Information

HYPERFOIL G10AL25-SP is used for the protection of heat sensitive components from both radiant and conductive heat sources. Typical applications for HYPERFOIL G10AL25-SP include use in the automotive industry for the protection of wire harnesses, hydraulic lines, fuel lines, various hoses and control cables etc which are in close proximity to high temperature zones such as exhaust systems etc. The flexible nature of HYPERFOIL G10AL25-SP allows it to be applied as a wrap or sleeve to cover and protect complex shaped components.

| Properties                  | Units            | HYPERFOIL G10AL25-SP         | Test method   |
|-----------------------------|------------------|------------------------------|---------------|
| Thickness                   | mm               | 0,37 ± 0,03                  | ASTM D1777    |
| Area weight                 | g/m <sup>2</sup> | 464 ± 31                     | DIN EN 2329   |
| <b>Tear strength</b>        |                  |                              |               |
| MD                          | N/25mm           | >600                         | BS EN 60626-2 |
| XD                          | N/25mm           | >400                         |               |
| <b>Tensile Strength</b>     |                  |                              |               |
| MD                          | N/cm             | >300                         | BS EN 60626-2 |
| XD                          | N/cm             | >300                         |               |
| 1 hour heat ageing at 180°C | -                | No delamination or shrinkage | ITM*          |
| Minimum Shelf life (20°C)** | months           | 12                           |               |

## Availability

| Dimensions           | HYPERFOIL G10AL25-SP              |
|----------------------|-----------------------------------|
| Standard widths      | 25 to 1000mm, others on request   |
| Standard roll length | 25m, others on request            |
| Standard core        | 76mm cardboard, others on request |

MD = machine direction; XD = cross direction

\*Internal test method

\*\* Stored in original sealed packaging out of direct sunlight

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