

## Product Highlights

- Operating temperature up to +225°C (+437°F)
- Excellent dielectric protection
- Dimensionally stable
- Lightweight & low profile
- Superior end fray resistance
- Water tight and fluid resistant

## Typical Applications

- Electrical isolation
- Thermal insulation
- Fluid tight barrier requirements



**HarnaSleeve® 1625** is a silicone coated fiberglass sleeve that electrically insulates wires to prevent arcing and short circuits. In addition, the sleeve's inherent thermal insulation and containment properties can be utilized depending on the application. The smooth, high gloss silicone creates a fluid tight barrier, provides additional protection, and is available in a variety of colors for identification purposes.



Our manufacturing sites are certified ISO 9001, IATF 16949, or AS/EN 9100, ISO 14001 and ISO 45001 (Selected Sites)

# Performance Data – HarnaSleeve® 1625

| Property                    | Test Method                         | Result                  |
|-----------------------------|-------------------------------------|-------------------------|
| Temperature Rating          | 240 hours at +250°C (+225°C rating) | Pass +225°C (+437°F)    |
| Low Temperature Flexibility | SAE J2192                           | Pass -40°C (-40°F)      |
| Fluid Resistance            | SAE J2192                           | Pass                    |
| Flammability                | SAE J369                            | SE (Self-Extinguishing) |
|                             | ASTM D350                           | SE (Self Extinguishing) |
|                             | FMVSS 302                           | Pass                    |
| Dielectric Strength         | ASTM D350                           | 8.0 kV, Min             |

All numeric performance data shows average or typical values. Please consult your sales representative for product drawings, test reports and OEM approvals.

## Construction and Typical Product Characteristics

|           |                   |
|-----------|-------------------|
| Base Yarn | Type E Fiberglass |
| Coating   | Silicone          |

## Standard Sizes

| Nominal Size | Recommended Application Range<br>mm (in) |       |
|--------------|--|-------|
|              | Min Ø                                    | Max Ø |
| 3            | 2.5                                      | 3.5   |
| 4.5          | 4.0                                      | 5.0   |
| 5            | 4.5                                      | 5.5   |
| 6            | 5.5                                      | 6.5   |
| 7            | 6.5                                      | 7.5   |
| 8            | 7.5                                      | 8.5   |
| 10           | 9  | 11    |
| 12           | 11                                       | 13    |
| 14           | 13                                       | 15    |
| 16           | 15                                       | 17    |
| 18           | 17                                       | 19    |
| 20           | 19                                       | 21    |
| 22           | 21                                       | 23    |
| 25           | 24                                       | 26    |
| 28           | 27                                       | 29    |

## Availability

Standard sizes are listed here. Additional sizes could be available upon request.

Available in spools and custom cut lengths. Recommended cut lengths are in 5mm increments. Please see regional drawings for cut length tolerances.

Available colors are listed in the color chart. Additional colors may be available upon request.

Please consult your local sales representative for regional packaging details and standards.

| Colors      |
|-------------|
| White       |
| Black       |
| Yellow      |
| Blue        |
| Green       |
| Gray        |
| Orange      |
| Light Blue  |
| Light Green |



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