

HELAGINE VO

EXPANDABLE BRAIDED SLEEVING

POLYESTER FLAME RETARDANT

SPECIFICATIONS:

Tubular braided sleeve made from **Polyester PBT** monofilaments. The raw material used is treated with non burning agents and is rated VO by the Underwriters Laboratories.

HELAGINE VO is consequently to be used wherever flame can cause damages (underground, public transport, aerospace, telecommunications, etc.).

With a continuous working temperature up to **150°C**, and a resistance to most chemicals, *HELAGINE VO* can be used in rough conditions. Its expandable ratio of 1:2 allows very easy placing over bundles of cables.

PROPERTIES:

| | |
|-----------------------------|---|
| Melting Point | 225°C |
| Limiting Oxygen Index | 34.7 % (NF G 07-128) |
| Maximum Working Temperature | 150°C |
| Withstand Peaks | 200°C |
| Flame resistance | Pass flame requirement of ISO 3795 and F MVSS 302 (Type A) Pass FAR 25-853 Pass UL 224 VW-1 vertical flame test Raw Material VO according to UL94 |
| Fumes Toxicity | Pass CNET DEC 26-0611 |
| Chemical Resistance | Unaffected by most Chemicals Loss of properties in water >70°C |

PACKAGING:

Standard packaging: crowns.

HELAGINE VO can be cut in short lengths for production programs.

Other packaging on request.

COLOUR:

Grey sleeve with a black identification yarn.

Black sleeve with a grey identification yarn.

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STANDARD SIZES:

| REFERENCES | | APPLICATION RANGE | | CONSTRUCTION | | STANDARD PACKAGING *** |
|------------|--------|-------------------|------|--------------|----------|------------------------|
| GREY | BLACK | MIN. | MAX. | N° of Yarns | Weight * | CROWNS |
| | | mm | mm | | g/100m | m |
| VOG03H | VON03H | 2 | 5 | 60 | 400 | 100 |
| VOG04H | VON04H | 3 | 7 | 72 | 490 | 100 |
| VOG05H | VON05H | 4 | 9 | 84 | 580 | 100 |
| VOG06H | VON06H | 5 | 11 | 96 | 660 | 100 |
| VOG08H | VON08H | 7 | 13 | 120 | 810 | 100 |
| VOG10H | VON10H | 9 | 15 | 144 | 1040 | 50 |
| VOG12H | VON12H | 11 | 17 | 168 | 1160 | 50 |
| VOG15H | VON15H | 13 | 20 | 192 | 1380 | 50 |
| VOG20H | VON20H | 18 | 25 | 256 | 2000 | 50 |
| VOG25H | VON25H | 22 | 30 | 288 | 2400 | 50 |
| VOG30H | VON30H | 27 | 40 | 384 | 3160 | 50 |
| VOG40H | VON40H | 35 | 50 | 480 | 4200 | 50 |
| VOG50H | VON50H | 45 | 60 | 600 | 4900 | 50 |

* Indicative weight for 100 metres

** Recommended range of use

*** Crowns : sleeving packaged in crown, fastened with ties under plastic wrapping.

These figures are those of our standard *HELAGINE VO* range. Please contact us for special construction, packaging, colour, etc.