

### Electromagnetic Flame Retardant Helagaine

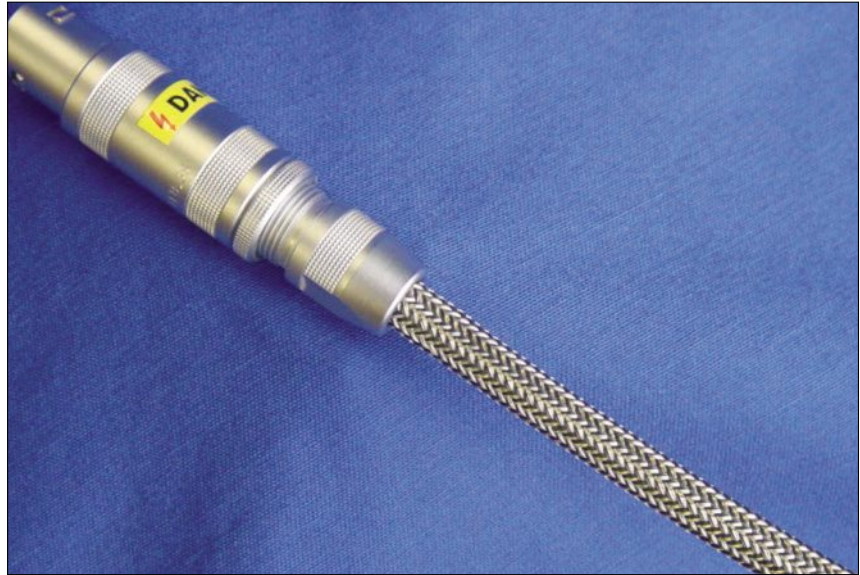
Helagaine VO (HEGEMIPVO) is tubular braided sleeving made from Polyester PBT monofilaments. The raw material is treated with non-burning agents so it has flame retardant and self-extinguishing properties. Rated VO by Underwriters Laboratories.

#### Application

Excellent for use where flame can cause damage therefore the protection of highly sensitive wiring is critical, such as in laboratories, computer rooms, satellites, mass transit and airplanes.

#### Benefits

- Shields or dissipates wire and cables from electromagnetic interference.
- Resists most chemicals.
- Expands (ratio 2:1) to allow for easy placement over bundles.



| Material Data         |                                      |
|-----------------------|--------------------------------------|
| Material              | PBT / Tin-Plated Copper (TNCU)       |
| Flammability          | UL 94-V0                             |
| Operating Temperature | -40°F to 347°F<br>-40°C to 175°C     |
| Melt Point            | 392°F / 200°C                        |
| Abrasion Protection   | High                                 |
| Recommended Cutting   | Shears                               |
| EMI Requirements      | 10 KHz to 1 GHz according to CISPR25 |



#### Product Selection

| Part No.  | Nominal Size |      | Type        | Expansion Range |            | Expansion Range |            | Color     | Reel Length |     | Weight |      |
|-----------|--------------|------|-------------|-----------------|------------|-----------------|------------|-----------|-------------|-----|--------|------|
|           | in.          | mm.  |             | (Min.) in.      | (Max.) in. | (Min.) mm.      | (Max.) mm. |           | ft.         | m.  | lbs.   | kg.  |
| 173-60400 | 1/8          | 3.2  | HEGEMIPV004 | .16             | .26        | 4.1             | 6.6        | Tin+Black | 328         | 100 | 4.74   | 2.2  |
| 173-60600 | 1/4          | 6.4  | HEGEMIPV006 | .20             | .40        | 5.1             | 10.2       | Tin+Black | 328         | 100 | 6.28   | 2.8  |
| 173-60800 | 5/16         | 7.9  | HEGEMIPV008 | .32             | .45        | 8.1             | 11.4       | Tin+Black | 328         | 100 | 5.84   | 2.6  |
| 173-61000 | 3/8          | 9.5  | HEGEMIPV010 | .32             | .52        | 8.1             | 13.2       | Tin+Black | 164         | 50  | 9.6    | 4.4  |
| 173-61200 | 7/16         | 11.1 | HEGEMIPV012 | .40             | .59        | 10.20           | 15.0       | Tin+Black | 164         | 50  | 10.6   | 4.8  |
| 173-61400 | 1/2          | 12.7 | HEGEMIPV014 | .47             | .71        | 11.9            | 18.0       | Tin+Black | 328         | 100 | 12.8   | 5.8  |
| 173-61600 | 9/16         | 14.3 | HEGEMIPV016 | .55             | .79        | 14.0            | 20.1       | Tin+Black | 328         | 100 | 15.9   | 7.2  |
| 173-61800 | 5/8          | 15.9 | HEGEMIPV018 | .63             | .87        | 16.0            | 22.1       | Tin+Black | 164         | 50  | 17.3   | 7.8  |
| 173-62000 | 3/4          | 19.1 | HEGEMIPV020 | .71             | .98        | 18.0            | 25.0       | Tin+Black | 164         | 50  | 22.1   | 10.0 |

Use Part No. for ordering and Type for specification.