

## Specification Sheet

Part Number: 173-01200



Unique blend of polyester and tin plated copper fibers offers electromagnetic protection as well as secure cable bundling

Electromagnetic Protection Braided Sleeve, 12 mm Dia, PET;TNCU, TCBK, 164ft/Reel

|                |                       |
|----------------|-----------------------|
| Article Number | 173-01200             |
| Type           | HEGEMIP12             |
| Color          | Black (BK) Metal (ML) |
| Quantity Per   | metre                 |

|                                |  |
|--------------------------------|--|
| Product Description            | Made of tin-plated copper and polyester threads, Helagaine HEGEMIP braided sleeving offers electromagnetic protection as well as secure cable bundling. The patented material mix offers very good inside and outside abrasion resistance. Also it makes the sleeve expandable and easy to apply. In contrast to purely copper braids, the HEGEMIP sleeve can be bent and twisted and still return to their original form to protect the cable perfectly. The copper wires are protected by the polyester yarn. Therefore breaks and fractures of the metal are prevented, even by bending the sleeve at a 90°-angle. As a result, HEGEMIP braided sleeving is particularly suitable for applications where there is movement and restricted space. The inner tube makes insertion of cables easier and protects the sleeves from deformation during transportation. |
| Short Description              | Electromagnetic Protection Braided Sleeving, 12 mm Dia, PET;TNCU, TCBK, 164ft/Reel   |
| Global Part Name               | HEGEMIP12-PET/SNCU-BK/ML   |
| Length L (Imperial)            | 164.0  |
| Length L (Metric)              | 50.0   |
| Bundle Diameter Min (Imperial) | 0.4  |
| Bundle Diameter Min (Metric)   | 10   |
| Bundle Diameter Max (Imperial) | 0.59   |
| Bundle Diameter Max (Metric)   | 15   |
| Diameter D (Imperial)          | 0.47   |
| Diameter D (Metric)            | 12   |
| Nominal Diameter (Imperial)    | 0.5  |

|                              |  |
|------------------------------|--|
| Nominal Diameter (Metric)    | 12   |
| Material                     | Polyester, halogen free (PET) Tin-plated copper (SNCU) |
| Material Shortcut            | SNCU PET   |
| Flammability                 | UL 94 V-2 FMVSS 302                                    |
| Halogen Free                 | Yes  |
| UV Resistant (Yes/No)        | No   |
| Operating Temperature        | -40°F to +302°F (-40°C to +150°C)                      |
| Reach Compliant (Article 33) | Yes  |
| ROHS Compliant               | Yes  |
| Package Quantity (Imperial)  | 164.0  |
| Package Quantity (Metric)    | 50   |
| Customs Number               | 7419805500   |

## About HellermannTyton

HellermannTyton is a global manufacturer of cable management and identification solutions for automotive, solar, electrical, construction, industrial automation, broadband and other OEM markets. The company's integrated approach

to product design, sustainability, production, quality assurance and delivery is optimized to benefit local and global customers. HellermannTyton operates in 39 countries, with North American headquarters in Milwaukee, Wisconsin. ([www.hellermann.tyton.com](http://www.hellermann.tyton.com)).