



Braided sleeving for electromagnetic protection

• Helagaine HEGEMIP

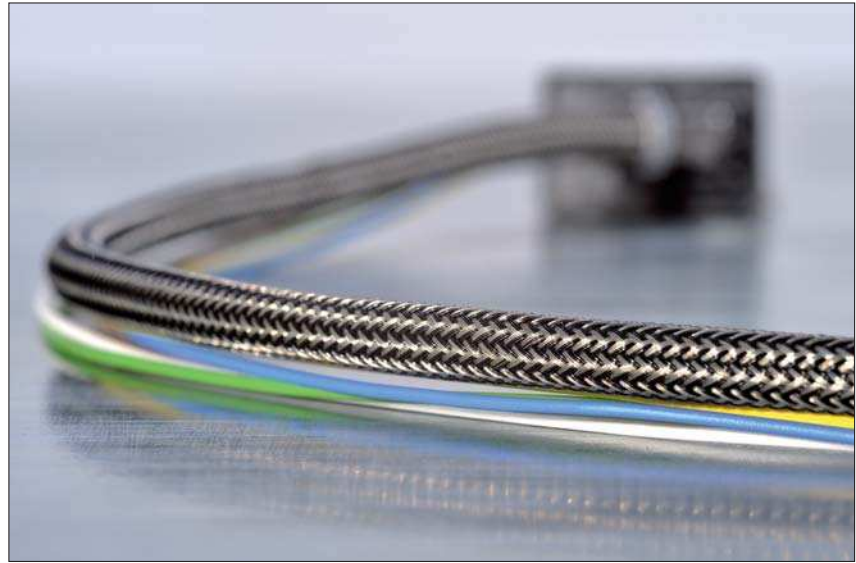
Features and Benefits

Made of tin-plated copper and polyester threads, Helagaine HEGEMIP and HEGEMIPV0 braided sleeves offer electromagnetic protection as well as secure cable bundling. The mix of materials makes the sleeves expandable and easy to apply. In contrast to purely copper braids, the HEGEMIP and HEGEMIPV0 sleeves can be bent and twisted and still return to their original form. As a result, HEGEMIP and HEGEMIPV0 are particularly suitable for applications where there is movement.

The supporting inner tube makes insertion of cables easier and protects the sleeves from deformation during transport. Besides their excellent electromagnetic protection ratings, they are very resistant to abrasion. Both sleeves fulfil the requirements of the international EMI norm CISPR25 (10KHz to 1GHz).

Application

Helagaine HEGEMIP braided sleeving is used for highly sensitive electronics, such as electrical appliances and machines, radio equipment, military and automotive engineering.



HEGEMIP braided sleeving: reliable protection from electromagnetic radiation.

Material Data

Material	Polyester (PET) / Copper (CU)
Colour	Tin coloured and Black
Operating Temperature	-40 °C to +175 °C, Intermittent +200 °C
Flammability	UL94 V2, FMVSS 302
EMI requirements	10 KHz to 1 GHz according to CISPR25 (DIN VDE 0879-2)



Technical Table

Article-No.	Type	Ø D	Bundle Ø min.	Bundle Ø max.	Reel Length (m)	Weight (g/m)
173-00400	HEGEMIP04	4	4	6.5	100	21.5
173-00600	HEGEMIP06	6	5	10	100	28.5
173-00800	HEGEMIP08	8	8	11.5	100	26.5
173-01000	HEGEMIP10	10	8	13	50	43.5
173-01200	HEGEMIP12	12	10	15	50	48.0
173-01400	HEGEMIP14	14	12	18	100	58.0
173-01600	HEGEMIP16	16	14	20	100	72.5
173-01800	HEGEMIP18	18	16	22	50	78.6
173-02000	HEGEMIP20	20	18	25	50	100.0

All dimensions in mm. Subject to technical changes.

Cuts in any lengths.