



Braided sleeving for electromagnetic protection, UL94V0 classification

• Helagaine HEGEMIPV0

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 HEGEMIPV0 braided sleeving is used for protection of highly sensitive electronics in industries, wherever fire protection is important, such as mass transit, aerospace and military industries.



HEGEMIPV0 braided sleeving: EMI protection for enhanced flame protection.

Material Data

Material	Polyester (PBT) / Copper (Cu)
Colour	Tin coloured and Black
Operating Temperature	-40 °C to +175 °C, Intermittent +200 °C
Flammability	UL94 V0, 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)
173-60400	HEGEMIPV004	4	4	6.5	100	21.5
173-60600	HEGEMIPV006	6	5	10	100	28.5
173-60800	HEGEMIPV008	8	8	11.5	100	26.5
173-61000	HEGEMIPV010	10	8	13	50	43.5
173-61200	HEGEMIPV012	12	10	15	50	48.0
173-61400	HEGEMIPV014	14	12	18	100	58.0
173-61600	HEGEMIPV016	16	14	20	100	72.5
173-61800	HEGEMIPV018	18	16	22	50	78.6
173-62000	HEGEMIPV020	20	18	25	50	100.0

All dimensions in mm. Subject to technical changes.

Cuts in any lengths.