



Helagaine HEGEMIP and HEGEMIPV0 Braided Sleeving

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 fulfill the requirements of the international EMI norm CISPR25 (10KHz to 1GHz).

Application

Helagaine EMI braided sleeving is used for highly sensitive electronics, such as electrical appliances and machines, radio equipment and automobiles.



Helagaine HEGEMIP braided sleeving is made of tin-plated copper and polyester yarn.

Material Data	
Material	Polyester (PET), Tin Plated copper
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)



Material Data	
Material	Polyester (PBT), Tin Plated copper
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)





Helagaine HEGEMIP and HEGEMIPV0 Braided Sleeving

Technical Table

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

All dimensions in mm. Subject to technical changes.

Cuts in any lengths.

Technical Table

Article-No.	Type	Material	Ø D	Bundle Ø min.	Bundle Ø max.	Weight (g)/m	Reel Length (m)
173-60400	HEGEMIPV004	CU, PBT	4	4	6.5	21.5 g/m	100
173-60600	HEGEMIPV006	CU, PBT	6	5	10	28.5 g/m	100
173-60800	HEGEMIPV008	CU, PBT	8	8	11.5	26.5 g/m	100
173-61000	HEGEMIPV010	CU, PBT	10	8	13	43.5 g/m	50
173-61200	HEGEMIPV012	CU, PBT	12	10	15	48.0 g/m	50
173-61400	HEGEMIPV014	CU, PBT	14	12	18	58.0 g/m	100
173-61600	HEGEMIPV016	CU, PBT	16	14	20	72.5 g/m	100
173-61800	HEGEMIPV018	CU, PBT	18	16	22	78.6 g/m	50
173-62000	HEGEMIPV020	CU, PBT	20	18	25	100.0 g/m	50

All dimensions in mm. Subject to technical changes.

Cuts in any lengths.