



Helagaine HEGP and HEGPX Braided Sleeving

Features and Benefits

Helagaine HEGP and HEGPX braided sleeving offer flexible cable protection, high abrasion resistance and ease of application. Helagaine sleeves are specially woven to expand when compressed and contract when pulled apart.

HEGP provides a high level of surface coverage as well as a high rate of expansion for easy slip-over application. To achieve an optimal fit, HEGP braided sleeving is available in 13 different sizes for application diameters of 1 mm to 66 mm.

Where higher expansion or easier application is important and less surface coverage is acceptable, HEGPX offers an expansion ratio of 3:1. Only seven sleeve sizes cover an application range of 2 mm to 70 mm.

Application

Helagaine HEGP and HEGPX braided sleeving is used in the automobile sector and in machine construction. It is also used for smaller electrical appliances to avoid pockets of high temperature. HEGP and HEGPX can be supplied in pre-cut lengths on request.

Application Method

To prevent fraying, the sleeve is cut with a hot-knife, which melts and cleanly fuses the ends of the yarn.



For more information on the HSG0 hot-cutting tool, please turn to page 274.



Helagaine HEGP braided sleeving.



Helagaine HEGPX braided sleeving.

Technical Table

Article-No.	Type	Bundle Ø min.	Bundle Ø max.	Reel Length (m)
HEGP				
170-10300	HEGP03	1	5	200
170-10400	HEGP04	2	7	200
170-10500	HEGP05	3	9	200
170-10600	HEGP06	4	11	100
170-10800	HEGP08	5	12	100
170-11000	HEGP10	7	15	100
170-11200	HEGP12	8	17	100
170-11500	HEGP15	10	20	100
170-12000	HEGP20	14	26	50
170-12500	HEGP25	18	34	50
170-13000	HEGP30	20	40	50
170-14000	HEGP40	30	50	50
170-15000	HEGP50	40	66	50
HEGPX				
170-00060	HEGPX06	3	9	100
170-00090	HEGPX09	5	16	100
170-00120	HEGPX12	6	19	100
170-00200	HEGPX20	12	32	100
170-00300	HEGPX30	19	45	50
170-00400	HEGPX40	32	70	50

All dimensions in mm. Subject to technical changes.

Colour grey available on request.

Cuts in any lengths.

Material Data

Material	Polyester (PET)
Colour	Black (BK)
Operating Temperature	-50 °C to +150 °C, Intermittent +220 °C
Melting Point	+250 °C
Braid Density	ca. 81%
Flammability	UL94 V2, FMVSS 302

