PLIOSIL - PET expandable braided sleeving (Polyethylener-Terephtalate)

thermoplastic with high heat stability
halogen free - short duration +220°C
(for technical properties see page D100)

PLIOSIL-PET
-50 to +130°C

This sleeving has been developed for mechanical protection of looms and cable harnesses and can expand from 170 % up to more than 200 % of its initial diameter.



standard colours :

black with “orange” identification thread

Expandable braided sleeving - expansion ratio 1/2



type	article number black BK	article number grey GY	m per reel	covering according to DIN 65164	expansion in mmØ	weight in g per100 m
PET 3	0624 0001 010	0624 0001 013	100	85%	2 to 7	275
PET 4	0624 0002 010	0624 0002 013	100	89%	3 to 8	410
PET 5	0624 0003 010	0624 0003 013	100	84%	4 to 10	470
PET 6	0624 0004 010	0624 0004 013	100	81%	6 to 12	530
PET 8	0624 0005 010	0624 0005 013	100	80%	8 to 16	650
PET 10	0624 0006 010	0624 0006 013	100	78%	10 to 20	790
PET 12	0624 0007 010	0624 0007 013	50	77%	12 to 24	925
PET 15	0624 0008 010	0624 0008 013	50	76%	15 to 27	1014
PET 20	0624 0009 010	0624 0009 013	25	70%	19 to 32	1240
PET 25	0624 0010 010	0624 0010 013	25	74%	24 to 38	1630
PET 30	0624 0011 010	0624 0011 013	25	77%	28 to 47	2050
PET 40	0624 0013 010	0624 0013 013	25	74%	40 to 63	2800
PET 50	0624 0015 010	0624 0015 013	25	79%	45 to 75	3350

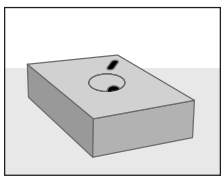
PLIOSIL-PET expandable braided sleevings are available in boxes and are coiled so that the sleeving dispenses without twisting or snagging. The box can be used for storage and as dispenser



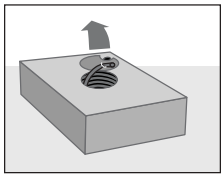
Binding with cable tie



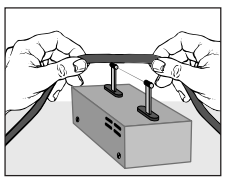
Binding with HELAVIA sleeves



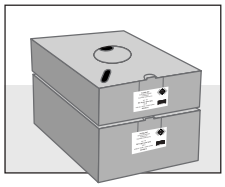
Storage and dispenser box



Open the punched central hole when dispensing the sleeving



Sleevings should be cut with a hot wire or a hot cutter thus cutting and welding the polyester at the same time



The remaining sleeving is very well protected in the box and can be stored in it.

Caractéristiques techniques
Technische Daten
Technical properties

- Groupe A

		Pages du catalogue Catalogue pages Katalogseite	Résistivité transversale Durchgangswiderstand Volume resistivity	Constante diélectrique Dielektrischer Faktor Dielectric constant	Rigidité diélectrique Durchschlagfestigkeit Dielectric strenght	Tenue à la flamme Brandverhalten Flame resistance	Corrosivité Korrosion Corrosion	Absorption d'eau Wasseraufnahme Water Absoption	Indice d'oxygène Sauerstoffindex Limiting oxygen index (LOI)
			Ohm x cm		**kV / mm**			**%**	**%**
HELAVIA	Qual. 3490/3437	A1/1 A2/1	> 4 x 10^{9}		> 13	UL 94-VO/M3			28
SILAVIA	Qual. 2412	A1/3 A2/2	10^{15}		18				
PLIO-SUPER	Qual. 9923	A3/1 A3/2	to 20°C : 3x10^{12}		20	UL94-V2			
PLIO-HT	Qual. 9861	A3/5-6			> 20	UL94-V0			
PLIO-BT	Qual. 9863	A3/5-6							
PLIO INDUS.	Qual. 9832	A3/7	to 20°C : 1x10^{13}		> 20				
PLIO-R & R-VJ	Qual. 9901	A4/1	10^{12}		20	UL94-V0		0,2	
PLIOFINE	SAM B B-EX BX-VJ AD-UL3	A4/4 A4/7 A4/9 A4/11 A4/12	> 10^{14} 10^{15} 10^{14} 10^{14} 10^{10}		> 20 25 20 20 16	VW-UL 224 self-extinguishing except transparent		≤ 0,2 ≤ 0,5 ≤ 0,5 ≤ 1,0	
PLIOSPIRE	Qual. PVC 9921 Qual. PTFE Qual. PA 6 BK (010) Qual. PP BK (010) Qual. PE NL (018) Qual. PE BK (010) Qual. PE WH (001)	A5		4 2,0 3,7 2,5 2,2 2,2 2,2	20 50 16 > 25 > 25 > 25 > 25	 UL94-V0 HB UL94-V2		 0 2 < 0,1 < 0,1 < 0,1 < 0,1	0,1
PLIOSIL	PET	A6				UL94-V2			27,5
ELECTROFLEX	normal BK (010) calor BU (002) oil GH (003)	A7/1			4 4 4	UL94-V0 UL94-V0			
POLYFLEX	PA 6	A7/3	10^{12}						
HELAVIA	Polychloroprène Nitrile EPDM	A20	> 4x10^{8}		> 13				
PLIOPRENE	PLIOPRENE TPE PLIOPRENE TPE extra souple	A21	9 x 10^{14} 10^{14}		35 30				
PLIO	PVC 9542 PVC 9641	A22/1..5 A22/10 & 11	10^{13}		> 20	UL94-HB			
DM	PA 6	A22/20	10^{13}	3,2	50	UL94-V2		2,5	
PLIO	PA6.6 PE - PP PE - PP	A22/6 A22/30	10^{14} 10^{16}		26 > 20	UL94-V2		2,5 < 0,1	
PLIOBORD	PE standard PE non flammable	A23/1	10^{17} 10^{17}	2,2 2,2	60 60	- UL94-V2		< 0,1 < 0,1	
A 720	A 720	A23/2-3			30		Nulle T° lim. util.		
SI-303	Silicone	A23/2-3	10^{15}	2,9	16				
PLIOPLAST	PLIOPLAST 15 PLIOPLAST 18 PLIOPLAST 25	A23/4				self-extinguishing	1 1 1		