

Cable Protection

Spiral Binding

Solutions for bundling and protecting
of cables and wires

HellermannTyton

Spiral Binding SBPE, SBPEFR, SBPA, SPPAFR and SBPTFE

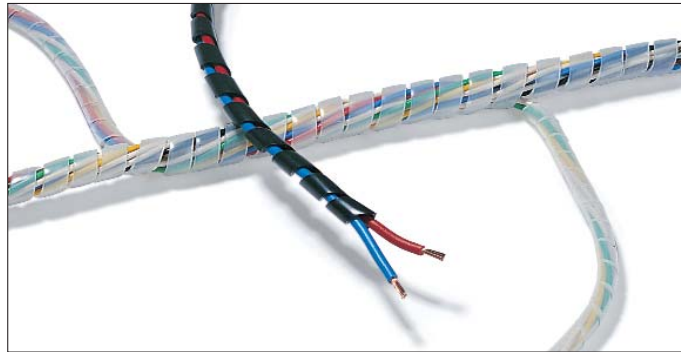
Features and Benefits

Spiral Binding is a general purpose solution for many bundling applications. It is used for organising and protecting cables and hoses. Spiral binding is available in a wide range of diameters, colours and materials. Flame retardant polyethylene (SBPEFR), PA6 (SBPA), PTFE (SBPTFE) versions provide protection against fire, abrasion, chemical attack and elevated temperature - please refer to material data tables.

Due to the spiral structure, it can be applied to cables or hoses in situ. Furthermore, cables can branch out at any point and in any direction.

Application

Spiral binding is used to route and bind cables that need high mechanical protection, for instance in the automobile industry as well as in control panels and cabinets. It is also used in electrical installation, where safety is a primary consideration. Spiral binding provides a tidy solution for many applications.



Spiralflex SBPE.

Material Data	
Material	Polyethylene (PE)
Operating Temperature	-60 °C to +90 °C, intermittent +120 °C

RoHS

HF
(halogenfrei)

Material Data	
Material	Polyethylene (PEFR), Flame retardant
Operating Temperature	-60 °C to +80 °C, intermittent +120 °C
Flammability	UL94 V2

RoHS

HF
(halogenfrei)

Material Data	
Material	Polyamide 6 V0 (PA6V0)
Operating Temperature	-60 °C to +95 °C, intermittent +130 °C
Flammability	UL94 V0

RoHS

HF
(halogenfrei)

Material Data	
Material	Polyamide 6 (PA6)
Operating Temperature	-60 °C to +95 °C, intermittent +130 °C
Flammability	UL94 HB

RoHS

HF
(halogenfrei)

Material Data	
Material	Polytetrafluoroethylene (PTFE)
Operating Temperature	-60 °C to +260 °C, intermittent +350 °C
Flammability	UL94 V0

RoHS

Technical Table

Article-No.	Type	Ø D	Wall (WT)	Pitch (P)	Bundle Ø min.	Bundle Ø max.	Material	Colour	Reel Length
SBPE, 5 m - Lengths									
161-41103	SBPE4D	4.0	1.0	7.8	5.0	20.0	PE	Natural (NA)	5 m
161-41104	SBPE4D	4.0	1.0	7.8	5.0	20.0	PE	Black (BK)	5 m
161-41105	SBPE4D	4.0	1.0	7.8	5.0	20.0	PE	Grey (GY)	5 m
161-41203	SBPE9D	9.0	1.4	12.5	10.0	100.0	PE	Natural (NA)	5 m
161-41204	SBPE9D	9.0	1.4	12.5	10.0	100.0	PE	Black (BK)	5 m
161-41205	SBPE9D	9.0	1.4	12.5	10.0	100.0	PE	Grey (GY)	5 m

All Dimensions in mm. Subject to technical changes.

Spiral Binding SBPE, SBPEFR, SBPA, SPPAFR and SBPTFE

Technical Table									
Article-No.	Type	Ø D	Wall (WT)	Pitch (P)	Bundle Ø min.	Bundle Ø max.	Material	Colour	Reel Length
SBPE									
161-41000	SBPE1.5	1.5	0.8	6.0	1.6	8.0	PE	Natural (NA)	30 m
161-41001	SBPE1.5	1.5	0.8	6.0	1.6	8.0	PE	Black (BK)	30 m
161-41002	SBPE1.5	1.5	0.8	6.0	1.6	8.0	PE	Grey (GY)	30 m
161-41100	SBPE4	4.0	1.0	7.8	5.0	20.0	PE	Natural (NA)	30 m
161-41101	SBPE4	4.0	1.0	7.8	5.0	20.0	PE	Black (BK)	30 m
161-41102	SBPE4	4.0	1.0	7.8	5.0	20.0	PE	Grey (GY)	30 m
161-41200	SBPE9	9.0	1.4	12.5	10.0	100.0	PE	Natural (NA)	30 m
161-41201	SBPE9	9.0	1.4	12.5	10.0	100.0	PE	Black (BK)	30 m
161-41202	SBPE9	9.0	1.4	12.5	10.0	100.0	PE	Grey (GY)	30 m
161-41300	SBPE16	16.0	1.6	16.0	20.0	150.0	PE	Natural (NA)	30 m
161-41301	SBPE16	16.0	1.6	16.0	20.0	150.0	PE	Black (BK)	30 m
161-41302	SBPE16	16.0	1.6	16.0	20.0	150.0	PE	Grey (GY)	30 m
SBPEFR									
161-43000	SBPEFR1.5	1.5	0.8	6.0	1.6	8.0	PE-FR	White (WH)	30 m
161-43001	SBPEFR1.5	1.5	0.8	6.0	1.6	8.0	PE-FR	Black (BK)	30 m
161-43100	SBPEFR4	4.0	1.0	7.8	5.0	20.0	PE-FR	White (WH)	30 m
161-43101	SBPEFR4	4.0	1.0	7.8	5.0	20.0	PE-FR	Black (BK)	30 m
161-43200	SBPEFR9	9.0	1.4	12.5	10.0	100.0	PE-FR	White (WH)	30 m
161-43201	SBPEFR9	9.0	1.4	12.5	10.0	100.0	PE-FR	Black (BK)	30 m
161-43300	SBPEFR16	16.0	1.6	16.0	20.0	150.0	PE-FR	White (WH)	30 m
161-43301	SBPEFR16	16.0	1.6	16.0	20.0	150.0	PE-FR	Black (BK)	30 m
SBPA									
161-42000	SBPA1.5	1.5	0.4	6.0	1.6	8.0	PA6	Natural (NA)	30 m
161-42100	SBPA4	4.0	0.6	7.8	5.0	20.0	PA6	Natural (NA)	30 m
161-42200	SBPA9	9.0	1.0	12.5	10.0	100.0	PA6	Natural (NA)	30 m
161-42300	SBPA16	16.0	1.2	16.0	20.0	150.0	PA6	Natural (NA)	30 m
SBPAV0									
161-44000	SBPAV01.5	1.5	0.4	6.0	1.6	8.0	PA6V0	Black (BK)	30 m
161-44100	SBPAV04	4.0	0.6	7.8	5.0	20.0	PA6V0	Black (BK)	30 m
161-44200	SBPAV09	9.0	1.0	12.5	10.0	100.0	PA6V0	Black (BK)	30 m
161-44300	SBPAV016	16.0	1.2	16.0	20.0	150.0	PA6V0	Black (BK)	30 m
SBPTFE									
161-45000	SBPTFE1.5	1.5	0.5	6.0	1.6	8.0	PTFE	Natural (NA)	5 m
161-45100	SBPTFE4	4.0	0.7	7.8	5.0	20.0	PTFE	Natural (NA)	5 m
161-45200	SBPTFE9	9.0	1.0	12.5	10.0	100.0	PTFE	Natural (NA)	5 m

All Dimensions in mm. Subject to technical changes.



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