



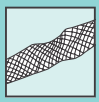
3.1 Nylon Glands 98



3.2 Protective Tubing and Spiral Binding 99



3.3 Protective Sleeves 100



Nylon Cable Glands

NG Series

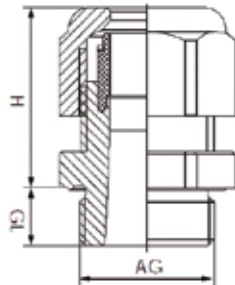
Features and Benefits

- Black material for exterior use
- Working Temperature -40°C to 100°C
- Instantaneous heat up to 120°C
- IP68 rating
- 5 bar pressure
- High torque tightening
- Large cable range
- Long metric thread
- EPDM rubber Washer
- ROHS Certified
- Halogen Free



Nylon Cable Glands, NG25.

AG: Thread Diameter
GL: Thread Length
H: Height



MATERIAL	Nylon 66
Operating Temperature	-40 °C to 100 °C
Colour	Black (BK)
Protection	IP68
Properties	UV Stabilised Vibration Resistant
Packaging	Gland complete with rubber gasket Lock Nuts included

PART NO.	Cable Size	Nut Size (AG)	Thread Length (GL)	Thread Dia.	Height (H)	Pack Qty.
NG12	3 - 6.5	22	8	M12	25	100 pcs.
NG16	5 - 10	22	15	M16	25	50 pcs.
NG20	10 - 14	27	15	M20	28	40 pcs.
NG25	13 - 18	33	15	M25	31	20 pcs.
NG32	18 - 25	42	15	M32	39	15 pcs.
NG40	22 - 32	53	18	M40	48	6 pcs.
NG50	32 - 38	60	18	M50	49	3 pcs.
NG63	37 - 44	65/68	18	M63	49	2 pcs.

All dimensions in mm. Subject to technical changes.

Minimum Order Quantity (MOQ) may differ from package content. Other packaging options may also be available.



Polyethylene spiral binding

SBPE

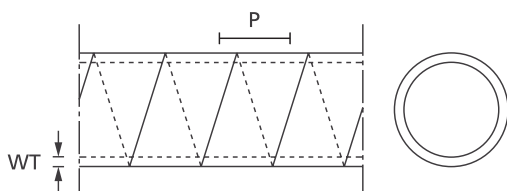
SBPE spiral binding is suitable for standard electrical applications and panel building and plant engineering. Sizes 4 and 9 are also available in practical 5 metre lengths.

Features and Benefits

- Organises and protects cables and hoses
- Suitable for retro-fitting
- Cables branch out at any point
- Wide range of diameters and colours



Spiral binding SBPE.



Spiral binding

MATERIAL	Polyethylene (PE)
Operating Temperature	-60 °C to +80 °C, intermittent +120 °C
Flammability	UL94 HB

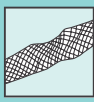


TYPE	Nominal Ø	Wall (WT)	Pitch (P)	Bundle Ø min.	Bundle Ø max.	Colour	Reel Length	Article-No.
SBPE1.5	1.5	0.8	6.0	1.6	8	Black (BK)	30 m	161-41001
	1.5	0.8	6.0	1.6	8	Natural (NA)	30 m	161-41000
SBPE4	4	1.0	7.8	5	20	Natural (NA)	30 m	161-41100
	4	1.0	7.8	5	20	Black (BK)	30 m	161-41101
SBPE9	9	1.4	12.5	10	100	Black (BK)	30 m	161-41201
	9	1.4	12.5	10	100	Natural (NA)	30 m	161-41200
SBPE16	16	1.6	16.0	20	150	Black (BK)	30 m	161-41301
	16	1.6	16.0	20	150	Natural (NA)	30 m	161-41300

All dimensions in mm. Subject to technical changes.
Minimum Order Quantity (MOQ) may differ from package content.

TYPE	Nominal Ø	Wall (WT)	Pitch (P)	Bundle Ø min.	Bundle Ø max.	Colour	Reel Length	Article-No.
SBPE4D	4	1.0	7.8	5	20	Black (BK)	5 m	161-41104
	4	1.0	7.8	5	20	Natural (NA)	5 m	161-41103
SBPE9D	9	1.4	12.5	10	100	Black (BK)	5 m	161-41204
	9	1.4	12.5	10	100	Natural (NA)	5 m	161-41203

All dimensions in mm. Subject to technical changes.
Minimum Order Quantity (MOQ) may differ from package content.



Flame-retardant polyester braided sleeving

HFRV0

HFRV0 braided sleeving is used wherever fire protection is important such as in railway vehicles, machine tools, robotics and automatic equipment.

Features and Benefits

- Made of sturdy polyester
- Self-extinguishing according to UL94 V0 for enhanced fire protection
- Highly flexible
- High abrasion resistance
- High surface coverage
- Halogen Free



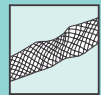
Braided sleeving.

MATERIAL	Polyester (PBT)
Operating Temperature	-50 °C to +150 °C, intermittent +200 °C
Melting Point	+225 °C
Flammability	UL94 V0, FMVSS 302



PART NO.	Description	Colour	Reel Length
HFR003BK	Von V0 sleeving 3mm (Expanded 1 to 6mm)	Black	500 m
HFR006BK	Von V0 sleeving 6mm (Expanded 3 to 9mm)	Black	200 m
HFR008BK	Von V0 sleeving 8mm (Expanded 5 to 16mm)	Black	100 m
HFR010BK	Von V0 sleeving 10mm (Expanded 7 to 19mm)	Black	100 m
HFR012BK	Von V0 sleeving 12mm (Expanded 8 to 24mm)	Black	100 m
HFR016BK	Von V0 sleeving 16mm (Expanded 10 to 27mm)	Black	100 m
HFR019BK	Von V0 sleeving 19mm (Expanded 14 to 30mm)	Black	50 m
HFR025BK	Von V0 sleeving 25mm (Expanded 18 to 35mm)	Black	50 m
HFR032BK	Von V0 sleeving 32mm (Expanded 20 to 50mm)	Black	25 m
HFR038BK	Von V0 sleeving 38mm (Expanded 30 to 55mm)	Black	25 m
HFR045BK	Von V0 sleeving 45mm (Expanded 35 to 75mm)	Black	25 m
HFR050BK	Von V0 sleeving 50mm (Expanded 40 to 80mm)	Black	25 m
HEGPV050-BK	Highly flexible Von V0 sleeving (Expanded 40 to 60mm)	Black	50 m
KD8-3	Hot knife for end sleeve 70W upto 800 deg °C	-	-

All dimensions in mm. Subject to technical changes. Minimum Order Quantity (MOQ) may differ from package content.



Polyester braided sleeving

PBS

PBS braided sleeving is used wherever flame retardant and halogen free. Abrasion resistant in a wide range of industrial applications.

Features and Benefits

- Made of sturdy polyester
- Flammability VW-1
- Highly flexible
- High abrasion resistance
- High surface coverage
- Halogen Free



Braided sleeving.



MATERIAL	Polyester
Operating Temperature	-50 °C to +150 °C, intermittent +200 °C
Melting Point	+225 °C
Flammability	VW-1

PART NO.	Description	Colour	Reel Length
PBS4BK	Polyester Braid sleeving 3mm (Expanded 1 to 6mm)	Black	100 m
PBS6BK	Polyester Braid sleeving 6mm (Expanded 3 to 9mm)	Black	100 m
PBS10BK	Polyester Braid sleeving 10mm (Expanded 7 to 17mm)	Black	100 m
PBS15BK	Polyester Braid sleeving 16mm (Expanded 10 to 27mm)	Black	100 m
PBS20BK	Polyester Braid sleeving 19mm (Expanded 14 to 30mm)	Black	100 m
PBS25BK	Polyester Braid sleeving 25mm (Expanded 18 to 35mm)	Black	100 m
PBS30BK	Polyester Braid sleeving 32mm (Expanded 20 to 50mm)	Black	100 m
PBS40BK	Polyester Braid sleeving 45mm (Expanded 35 to 75mm)	Black	50 m
PBS50BK	Polyester Braid sleeving 50mm (Expanded 40 to 80mm)	Black	50 m

All dimensions in mm. Subject to technical changes. Minimum Order Quantity (MOQ) may differ from package content.