



SYNFLEX INDUSTRIES LLP



Product Catalogue

*Cable protection, conduit connections and
industrial tubing*

Synflex Industries LLP offers a portfolio of conduit, fittings, protective sleeving, spiral wraps, tubing and reinforcement products.

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Plot No. 219, Sector 24, Faridabad



Product Range

Section	Product family
01	PA-6 Heavy Weight Flexible Conduit Pipes - FR Grade
02	PA-6 Light Weight Flexible Conduit Pipes - Non-FR
03	PA-6 Slit Flexible Conduit Pipes - Non-FR
04	Polyamide Conduit End Fittings
05	Hexagonal Locknuts
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25	PU Sleeves
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Ordering and technical documents

Send the product code, size, quantity and application details to info@synflex.in. Certificates and test reports are supplied by email on request. Shared codes must be accompanied by the size.



01 PA-6 Heavy Weight Flexible Conduit Pipes - FR

Heavy weight PA6 corrugated conduit for cable routing where a specified flame-retardant grade is required.



Technical reference specifications

Parameter	Value / condition
Material	Polyamide 6
Colour	Black, Grey
Temperature Range	-40 to +105 °C
Compression Strength	750 N Class 3 · IEC EN 61386
Tensile Strength	500 N Class 3 · IEC EN 61386
Suspended Load Capacity	150 N Class 3 · IEC EN 61386
Protection Class	IP68 IEC EN 61386
Fire Performance	V-0 / V2 / HB UL94
Glow Wire Flammability Index	960 °C IEC 60695-2/12
Free from Halogens	Yes DIN 53474



Sizes and variants

Code	Size (NW)	ID (mm)	OD (mm)	Roll length
PABC-10BV0	NW-10	9.5	13	100m
PABC-12BV0	NW-12	11.2	15.8	100m
PABC-17BV0	NW-17	15.8	21.2	100m
PABC-23BV0	NW-23	22.5	28.5	50m
PABC-29BV0	NW-29	27.5	31.4	50m
PABC-36BV0	NW-36	35.5	42.4	25m
PABC-48BV0	NW-48	47	51.4	25m
PABC-70BV0	NW-70	67.5	80	10m



02 PA-6 Light Weight Flexible Conduit Pipes - Non-FR

Light weight PA6 corrugated conduit for flexible cable routing and wire-harness protection.



Product illustration

Technical reference specifications

Parameter	Value / condition
Material	Polyamide 6
Grade	Non-FR
Application	Industrial, automotive, railway, wire-harness



Sizes and variants

Code	Size	ID (mm)	OD (mm)	Roll / PPQ
LW-PABC-10	PG09	9.5	13	100m
LW-PABC-12	PG11	11.2	15.8	100m
LW-PABC-17	PG16	15.8	21.2	100m
LW-PABC-23	PG22	22.5	28.5	50m
LW-PABC-29	PG28	27.5	34.4	50m
LW-PABC-36	PG35	35.5	42.4	25m
LW-PABC-48	PG47	47	54.4	25m
LW-PABC-70	PG69	67.5	80	10m



03 PA-6 Slit Flexible Conduit Pipes - Non-FR



Technical reference specifications

Parameter	Value / condition
Material	Polyamide 6
Grade	Non-FR, slit / split profile
Application	Retrofit cable protection without disconnecting the harness

Sizes and variants

Code	Size	ID	OD	Roll
PG-9 SLIT	PG09	9.5 mm	13 mm	100m
PG-11 SLIT	PG11	11.2 mm	15.8 mm	100m
PG-16 SLIT	PG16	15.8 mm	21.2 mm	100m
PG-21 SLIT	PG21	22.5 mm	23.5 mm	50m
PG-29 SLIT	PG29	27.5 mm	31.4 mm	50m
PG-36 SLIT	PG36	35.5 mm	42.4 mm	25m
PG-48 SLIT	PG48	47 mm	51.4 mm	25m
PG-70 SLIT	PG70	67.5 mm	80 mm	10m



04 Polyamide Conduit End Fittings

Conduit connectors in straight, and 90-degree configurations, with PG and metric thread options.

Technical reference specifications

Parameter	Value / condition
Material	Special-grade polyamide polymer
Colour	Black (RAL 9400)
Temperature range	-40 to +120 °C
Charpy notched impact strength	7 / 12 kJ/m² ISO 179/1eA
Ingress protection	IP68 / IP67 EN 60529; IP68 with O-ring and washer installed
System pull-out resistance	>500 N (Class 3) IEC 61386-1 with NYLFLEX conduit
Flammability class	V-0 UL 94
Glow wire index	960 °C IEC 695-2/12



Straight connectors with PG thread



Straight connectors with PG thread

Code	Thread	Fits conduit	OD (mm)	ID (mm)	TL (mm)	L (mm)	WS (mm)
PSC-PG09	PG 09	10	26.0 ±0.5	10.0 ±0.5	12.0 ±0.1	43.0 ±2.0	18.0 ±0.5
PSC-PG11	PG 11	12	29.0 ±0.5	12.0 ±0.5	12.0 ±0.1	43.5 ±2.0	19.1 ±0.5
PSC-PG16	PG 16	17	34.8 ±0.5	16.0 ±0.5	13.0 ±0.1	48.0 ±2.0	22.5 ±0.5
PSC-PG21	PG 21	23	43.0 ±0.5	21.8 ±0.5	14.0 ±0.1	52.5 ±2.0	34.3 ±0.5
PSC-PG29	PG 29	29	55.0 ±0.5	27.5 ±0.5	14.0 ±0.1	55.0 ±2.0	40.0 ±0.5
PSC-PG36	PG 36	36	67.2 ±0.5	37.0 ±0.5	17.0 ±0.1	63.0 ±2.0	45.0 ±0.5
PSC-PG48	PG 48	48	72.6 ±0.5	48.0 ±0.5	17.0 ±0.1	63.0 ±2.0	60.3 ±0.5

Straight connectors with metric thread

Code	Thread	Fits conduit	OD (mm)	ID (mm)	TL (mm)	L (mm)	WS (mm)
PSC-M16C10	M16 x 1.5	10	26.0 ±0.5	10.0 ±0.5	10.0 ±0.1	40.0 ±0.5	18.0 ±2.0
PSC-M16C12	M16 x 1.5	12	29.0 ±0.5	13.0 ±0.5	12.0 ±0.1	43.5 ±0.5	21.2 ±2.0
PSC-M20C17	M20 x 1.5	17	34.8 ±0.5	14.0 ±0.5	13.0 ±0.1	47.0 ±0.5	26.4 ±2.0
PSC-M25C23	M25 x 1.5	23	43.0 ±0.5	18.0 ±0.5	13.0 ±0.1	53.0 ±0.5	34.3 ±2.0
PSC-M32C23	M32 x 1.5	23	43.0 ±0.5	21.8 ±0.5	13.0 ±0.1	52.5 ±0.5	34.3 ±2.0
PSC-M32C29	M32 x 1.5	29	55.0 ±0.5	24.0 ±0.5	13.0 ±0.1	54.5 ±0.5	40.0 ±2.0
PSC-M40C29	M40 x 1.5	29	55.0 ±0.5	29.0 ±0.5	13.0 ±0.1	54.0 ±0.5	40.0 ±2.0
PSC-M40C36	M40 x 1.5	36	67.2 ±0.5	32.5 ±0.5	13.0 ±0.1	57.6 ±0.5	49.0 ±2.0
PSC-M50C36	M50 x 1.5	36	67.2 ±0.5	35.6 ±0.5	14.0 ±0.1	58.5 ±0.5	49.0 ±2.0
PSC-M50C48	M50 x 1.5	48	72.6 ±0.5	40.3 ±0.5	14.0 ±0.1	58.5 ±0.5	60.3 ±2.0



45-degree connectors with PG thread



45-degree connectors with PG thread

Code	Thread	Fits conduit	OD (mm)	ID (mm)	TL (mm)	L (mm)
PBC-PG09	PG 09	10	26.0 ±0.5	10.0 ±0.5	12.0 ±0.1	57.0 ±2.0
PBC-PG11	PG 11	12	29.0 ±0.5	13.0 ±0.5	12.0 ±0.1	60.0 ±2.0
PBC-PG16	PG 16	17	35.1 ±0.5	16.0 ±0.5	13.0 ±0.1	72.0 ±2.0
PBC-PG21	PG 21	23	41.0 ±0.5	22.0 ±0.5	14.0 ±0.1	86.0 ±2.0
PBC-PG29	PG 29	29	52.7 ±0.5	28.0 ±0.5	14.0 ±0.1	98.0 ±2.0
PBC-PG36	PG 36	36	64.0 ±0.5	37.0 ±0.5	17.0 ±0.1	112.0 ±2.0
PBC-PG48	PG 48	48	74.0 ±0.5	48.0 ±0.5	17.0 ±0.1	125.0 ±2.0

45-degree connectors with metric thread

Code	Thread	Fits conduit	OD (mm)	ID (mm)	TL (mm)	L (mm)
PBC-M16C10	M16 x 1.5	10	26.0 ±0.5	10.0 ±0.5	10.0 ±0.1	57.0 ±2.0
PBC-M16C12	M16 x 1.5	12	29.0 ±0.5	13.0 ±0.5	12.0 ±0.1	60.0 ±2.0
PBC-M20C17	M20 x 1.5	17	34.8 ±0.5	14.0 ±0.5	13.0 ±0.1	72.0 ±2.0
PBC-M25C23	M25 x 1.5	23	43.0 ±0.5	18.0 ±0.5	13.0 ±0.1	86.0 ±2.0
PBC-M32C23	M32 x 1.5	23	43.0 ±0.5	21.8 ±0.5	13.0 ±0.1	86.0 ±2.0
PBC-M32C29	M32 x 1.5	29	55.0 ±0.5	24.0 ±0.5	13.0 ±0.1	98.0 ±2.0
PBC-M40C29	M40 x 1.5	29	55.0 ±0.5	29.0 ±0.5	13.0 ±0.1	98.0 ±2.0
PBC-M40C36	M40 x 1.5	36	67.2 ±0.5	32.5 ±0.5	13.0 ±0.1	112.0 ±2.0
PBC-M50C36	M50 x 1.5	36	67.2 ±0.5	35.6 ±0.5	14.0 ±0.1	112.0 ±2.0
PBC-M50C48	M50 x 1.5	48	72.6 ±0.5	40.3 ±0.5	14.0 ±0.1	125.0 ±2.0



90-degree connectors with PG thread



90-degree connectors with PG thread

Code	Thread	Fits conduit	OD (mm)	ID (mm)	TL (mm)	L (mm)
PEC-PG09	PG 09	10	26.0 ±0.5	10.0 ±0.5	12.0 ±0.1	45.0 ±2.0
PEC-PG11	PG 11	12	29.0 ±0.5	11.0 ±0.5	12.0 ±0.1	47.0 ±2.0
PEC-PG13.5	PG 13.5	17	35.1 ±0.5	13.8 ±0.5	13.0 ±0.1	55.0 ±2.0
PEC-PG16	PG 16	17	35.1 ±0.5	16.8 ±0.5	13.0 ±0.1	55.5 ±2.0
PEC-PG21	PG 21	23	40.0 ±0.5	22.0 ±0.5	14.0 ±0.1	69.0 ±2.0
PEC-PG29	PG 29	29	52.7 ±0.5	27.6 ±0.5	14.0 ±0.1	73.0 ±2.0
PEC-PG36	PG 36	36	63.0 ±0.5	37.0 ±0.5	17.0 ±0.1	88.0 ±2.0
PEC-PG48	PG 48	48	73.0 ±0.5	48.0 ±0.5	17.0 ±0.1	104.0 ±2.0

90-degree connectors with metric thread

Code	Thread	Fits conduit	OD (mm)	ID (mm)	TL (mm)	L (mm)
PEC-M16C10	M16 x 1.5	10	26.0 ±0.5	10.0 ±0.5	10.0 ±0.1	45.0 ±2.0
PEC-M16C12	M16 x 1.5	12	29.0 ±0.5	13.0 ±0.5	12.0 ±0.1	47.0 ±2.0
PEC-M20C17	M20 x 1.5	17	34.8 ±0.5	14.0 ±0.5	13.0 ±0.1	55.5 ±2.0
PEC-M25C23	M25 x 1.5	23	43.0 ±0.5	18.0 ±0.5	13.0 ±0.1	69.0 ±2.0
PEC-M32C23	M32 x 1.5	23	43.0 ±0.5	21.8 ±0.5	13.0 ±0.1	69.0 ±2.0
PEC-M32C29	M32 x 1.5	29	55.0 ±0.5	24.0 ±0.5	13.0 ±0.1	73.0 ±2.0
PEC-M40C29	M40 x 1.5	29	55.0 ±0.5	29.0 ±0.5	13.0 ±0.1	73.0 ±2.0
PEC-M40C36	M40 x 1.5	36	67.2 ±0.5	32.5 ±0.5	13.0 ±0.1	88.0 ±2.0
PEC-M50C36	M50 x 1.5	36	67.2 ±0.5	35.6 ±0.5	14.0 ±0.1	88.0 ±2.0
PEC-M50C48	M50 x 1.5	48	72.6 ±0.5	40.3 ±0.5	14.0 ±0.1	104.0 ±2.0



Straight flange connectors

Code	Fits conduit	OD (mm)	ID (mm)	L (mm)
PFC-PG70	70	94.0 ±0.5	81.0 ±0.5	60.0 ±2.0
PFC-PG95	95	Confirm	Confirm	82.0 ±2.0



Elbow flange connectors

Code	Fits conduit	OD (mm)	ID (mm)	L (mm)
PEFC-PG70	70	94.0 ±0.5	81.0 ±0.5	60.0 ±2.0
PEFC-PG95	95	Confirm	Confirm	82.0 ±2.0



05 Hexagonal Locknuts

Threaded locknuts for securing compatible conduit connectors to panels and enclosures.



Sizes and variants

Code	Thread size	Wrench size (mm)	Thickness (mm)
BLNP-PG11	PG 11	21.0 ±0.5	3.0 ±0.5
BLNP-PG13.5	PG 13.5	23.0 ±0.5	3.0 ±0.5
BLNP-PG16	PG 16	26.0 ±0.5	3.0 ±0.5
BLNP-PG21	PG 21	32.0 ±0.5	3.5 ±0.5
BLNP-PG29	PG 29	41.0 ±0.5	4.0 ±0.5
BLNP-PG36	PG 36	51.0 ±0.5	5.0 ±0.5
BLNP-PG48	PG 48	64.0 ±0.5	5.0 ±0.5

Sizes and variants

Code	Thread size	Wrench size (mm)	Thickness (mm)
BLNM-M12	M12 x 1.5	15.0 ±0.5	2.8 ±0.5
BLNM-M16	M16 x 1.5	19.0 ±0.5	2.8 ±0.5
BLNM-M20	M20 x 1.5	24.0 ±0.5	3.0 ±0.5
BLNM-M25	M25 x 1.5	30.0 ±0.5	3.5 ±0.5
BLNM-M32	M32 x 1.5	38.0 ±0.5	4.0 ±0.5
BLNM-M40	M40 x 1.5	46.0 ±0.5	4.5 ±0.5
BLNM-M50	M50 x 1.5	55.0 ±0.5	5.0 ±0.5



06 Tube Clamps

Clamps for supporting compatible conduit and tubing along the routing path.



Technical reference specifications

Parameter	Value / condition
Body	Galvanized steel
Protection profile	Elastomer
Colour	Black / metallic
Mechanical performance	High strength and flexibility
Functional benefit	Elastomer profile provides impact resistance and friction against conduit movement

Thickness (mm): 1.0 ±0.1

Sizes and variants

Code	Fits conduit dia. (mm)	Width (mm)
GSTC-12	16.0 ±0.5	15.0 ±0.5
GSTC-17	22.0 ±0.5	15.0 ±0.5
GSTC-23	29.0 ±0.5	15.0 ±0.5
GSTC-29	35.0 ±0.5	20.0 ±0.5
GSTC-36	44.0 ±0.5	20.0 ±0.5
GSTC-48	55.0 ±0.5	20.0 ±0.5



07 Sealing Washers



Technical reference specifications

Parameter	Value / condition
Material	Reinforced NBR
Temperature range	-30 to +105 °C
Ingress protection	IP68 When correctly installed with a compatible fitting

Sizes and variants

Code	Thread	OD (mm)	ID (mm)
OSW-PG11	PG 11	26.0 ±0.5	18.6 ±0.5
OSW-PG13	PG 13	29.0 ±0.5	20.4 ±0.5
OSW-PG16	PG 16	33.0 ±0.5	22.5 ±0.5
OSW-PG21	PG 21	39.0 ±0.5	28.3 ±0.5
OSW-PG29	PG 29	49.0 ±0.5	37.0 ±0.5
OSW-PG36	PG 36	59.0 ±0.5	47.0 ±0.5
OSW-PG48	PG 48	71.0 ±0.5	59.3 ±0.5

Thickness (mm): 1.5 ±0.1

Sizes and variants

Code	Thread	OD (mm)	ID (mm)
OSW-M12	M12 x 1.5	18.0 ±0.5	12.0 ±0.5
OSW-M16	M16 x 1.5	22.0 ±0.5	16.0 ±0.5
OSW-M20	M20 x 1.5	27.0 ±0.5	20.0 ±0.5
OSW-M25	M25 x 1.5	35.0 ±0.5	25.0 ±0.5
OSW-M32	M32 x 1.5	43.0 ±0.5	32.0 ±0.5
OSW-M40	M40 x 1.5	55.0 ±0.5	40.0 ±0.5
OSW-M50	M50 x 1.5	69.0 ±0.5	50.0 ±0.5



08 Sealing Rings

Sealing rings for compatible conduit connections. Verify the ring size and assembly configuration.



Product illustration

Technical reference specifications

Parameter	Value / condition
Material	NBR elastomer
Colour	Black
Temperature range	-30 to +105 °C
Application	Between conduit and connector
Protection objective	IP68 level With the complete compatible fitting system

Sizes and variants

Code	Fits conduit size	ID (mm)	Thickness (mm)
SR10	10	10.0 ±0.5	1.3 ±0.1
SR12	12	12.0 ±0.5	1.5 ±0.1
SR17	17	16.0 ±0.5	1.8 ±0.1
SR23	23	22.0 ±0.5	2.0 ±0.1
SR29	29	29.0 ±0.5	2.0 ±0.1
SR36	36	34.0 ±0.5	2.3 ±0.1
SR48	48	46.0 ±0.5	2.3 ±0.1
SR70	70	70.0 ±0.5	4.0 ±0.1



09 ABRO Tube

Braided protective tubing for grouping cables and protecting wire harnesses from contact and abrasion.



Sizes and variants

Code	Nominal size	Functional diameter
ABRO TUBE D05	D05 / 5 mm	3-5 mm
ABRO TUBE D08	D08 / 8 mm	6-8 mm
ABRO TUBE D10	D10 / 10 mm	8-10 mm
ABRO TUBE D13	D13 / 13 mm	11-13 mm
ABRO TUBE D16	D16 / 16 mm	14-16 mm
ABRO TUBE D19	D19 / 19 mm	17-19 mm
ABRO TUBE D25	D25 / 25 mm	22-25 mm
ABRO TUBE D29	D29	15-19 mm
ABRO TUBE D32	D32 / 32 mm	30-32 mm
ABRO TUBE D38	D38 / 38 mm	34-38 mm



10 PET Expandable Braided Sleeves

Polyester braided sleeving for grouping and covering cable bundles. Non-FR and FR series are listed separately.



Product illustration

Technical reference specifications

Parameter	Value / condition
Material	Polyester (PET)
Series	Non-FR PET EX; FR PET V0
Yarn diameter	Non-FR: 0.25 mm; FR: 0.28 mm

PET EX non-FR series

Code	Nominal size (mm)	Expansion listed (mm)	Roll length (m)
PET EX-03	3	5	300
PET EX-06	6	8	200
PET EX-08	8	10	400
PET EX-10	10	12	300
PET EX-12	12	14	300
PET EX-15	15	17	300
PET EX-20	20	24	200
PET EX-25	25	27	200
PET EX-30	30	34	100
PET EX-40	40	45	100



Code	Nominal size (mm)	Expansion listed (mm)	Roll length (m)
PET EX-50	50	55	100
PET EX- 70	70	On request	On request

PET V0 FR series

Code	Nominal size (mm)	Expansion listed (mm)	Roll length (m)
PET V0-03MM	3	5	300
PET V0-06MM	6	8	200
PET V0-08MM	8	10	400
PET V0-10MM	10	12	300
PET V0-12MM	12	14	300
PET V0-16MM	16	17	300
PET V0-20MM	20	24	200
PET V0-25MM	25	27	200
PET V0-30MM	30	34	100
PET V0-40MM	40	45	100



11 Nylon 6.6 Expandable Braided Sleeves

Polyamide 6.6 braided sleeving for covering cable assemblies, hoses and related bundles.



Product illustration

Technical reference specifications

Parameter	Value / condition
Material	Polyamide 6.6
Operating range	-60 to +160 °C Presentation reference; duty conditions require confirmation
Melting point	256 ± 5 °C
Colours	Black / Grey
Cutting tool	Hot knife
Compliance	Request applicable grade documents

Reference / scope: Synflex Product Details.pptx, slides 26-27. Kept separate from PET.

Nylon 6.6 PA series

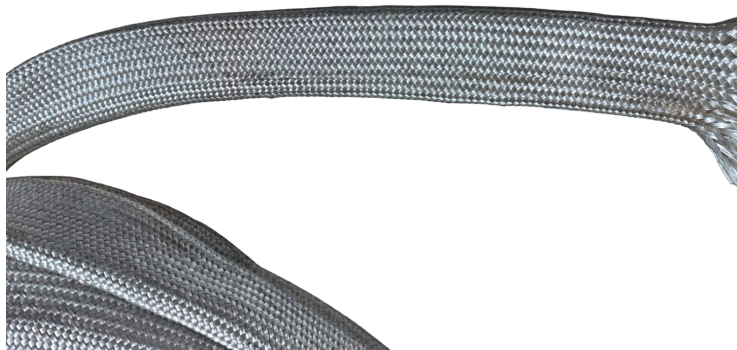
Code	Nominal size (mm)	Expansion min (mm)	Expansion max (mm)	Spool length
PA-003	3	1	6	1000 m
PA-006	6	3	9	500 m
PA-008	8	5	16	350 m
PA-010	10	7	19	350 m
PA-012	12	8	24	350 m
PA-016	16	10	27	250 m
PA-019	19	14	30	200 m
PA-025	25	18	35	200 m



Code	Nominal size (mm)	Expansion min (mm)	Expansion max (mm)	Spool length
PA-032	32	20	50	150 m
PA-038	38	30	60	100 m
PA-045	45	35	75	100 m
PA-050	50	40	80	100 m
PA-064	64	45	105	100 m
PA-076	76	64	120	100 m



12 Fibreglass Sleeve



Hollow expandable fibreglass braiding for cable covering. Technical reference specifications

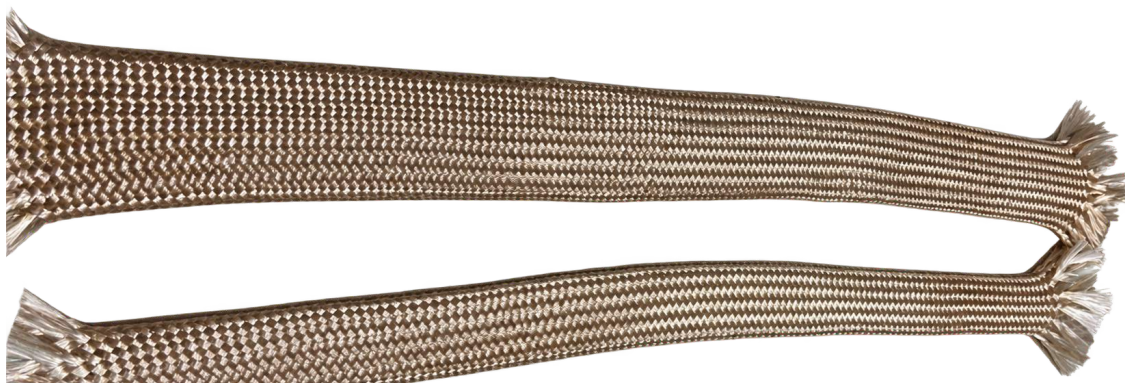
Parameter	Value / condition
Material	Fibreglass
Construction	Hollow expandable braid
Reference temperature	-30 to +600 °C
Reference voltage / flame resistance	500-800 V / VW-1

Sizes and variants

Code	Nominal size (mm)	Expansion min (mm)	Expansion max (mm)	Spool length
SYN-FBG-03	3	1	6	1000 m
SYN-FBG-006	6	3	9	500 m
SYN-FBG-008	8	5	16	350 m
SYN-FBG-010	10	7	19	350 m
SYN-FBG--012	12	8	24	350 m
SYN-FBG-016	16	10	27	250 m
SYN-FBG-019	19	14	30	200 m
SYN-FBG-025	25	18	35	200 m
SYN-FBG-032	32	20	50	150 m
SYN-FBG-038	38	30	60	100 m
SYN-FBG-045	45	35	75	100 m
SYN-FBG-050	50	40	80	100 m
SYN-FBG-064	64	45	105	100 m
SYN-FBG-076	76	64	120	100 m



13 Heat Treated Fibreglass Sleeve



Technical reference specifications

Parameter	Value / condition
Code	synflexHTFS01
Material	Braided fibreglass
Finish / colour	Heat treated / Bronze
Operating range	-40 to +800 °C
Nominal ID range	3-72 mm
Dielectric rating	Not available
Flammability	UL 94; v0/v2

Sizes and variants

Code	Nominal size (mm)	Expansion min (mm)	Expansion max (mm)	Spool length
SYN-HTFS-03	3	1	6	1000 m
SYN-HTFS-006	6	3	9	500 m
SYN-HTFS-008	8	5	16	350 m
SYN-HTFS-010	10	7	19	350 m
SYN-HTFS-012	12	8	24	350 m
SYN-HTFS-016	16	10	27	250 m
SYN-HTFS-019	19	14	30	200 m
SYN-HTFS-025	25	18	35	200 m
SYN-HTFS-032	32	20	50	150 m
SYN-HTFS-038	38	30	60	100 m
SYN-HTFS-045	45	35	75	100 m
SYN-HTFS-050	50	40	80	100 m



Code	Nominal size (mm)	Expansion min (mm)	Expansion max (mm)	Spool length
SYN-HTFS-064	64	45	105	100 m
SYN-HTFS-076	76	64	120	100 m



14 Kevlar Expandable Braiding Sleeve



Technical reference specifications

Parameter	Value / condition
Material reference	Aramid fibre
Construction reference	Tubular braid
Colour reference	Yellow
Temperature	1200 + °C

Sizes and variants

Code	Nominal size (mm)	Expansion min (mm)	Expansion max (mm)	Spool length
SYN-KEV-03	3	1	6	1000 m
SYN-KEV-006	6	3	9	500 m
SYN-KEV-008	8	5	16	350 m
SYN-KEV-010	10	7	19	350 m
SYN-KEV-012	12	8	24	350 m
SYN-KEV-016	16	10	27	250 m
SYN-KEV-019	19	14	30	200 m
SYN-KEV-025	25	18	35	200 m
SYN-KEV-032	32	20	50	150 m
SYN-KEV-038	38	30	60	100 m
SYN-KEV-045	45	35	75	100 m
SYN-KEV-050	50	40	80	100 m
SYN-KEV-064	64	45	105	100 m
SYN-KEV-076	76	64	120	100 m



15 Textile Sleeves



Technical reference specifications

Parameter	Value / condition
Nylon textile AS	Nylon; -50 to +125 °C; black
Woven AWSCS	Polyester monofilament / multifilament; -50 to +150 °C; black

Nylon/ PET textile sleeves AS

Code	Flat width (mm)	ID (mm)
SYN-TXT-027	27	17
SYN-TXT-031	31	20
SYN-TXT-036	36	23
SYN-TXT-039	39	25
SYN-TXT-042	42	27
SYN-TXT-049	49	31
SYN-TXT-052	52	33
SYN-TXT-054	54	36
SYN-TXT-063	63	40
SYN-TXT-069	69	44
SYN-TXT-074	74	47
SYN-TXT-083	83	53
SYN-TXT-086	86	55
SYN-TXT-094	94	60
SYN-TXT-104	104	66
SYN-TXT-115	115	73
SYN-TXT-146	146	93



Code	Flat width (mm)	ID (mm)
SYN-TXT-176	176	112



16 Synflex Self-Closing Wrap



Technical reference specifications

Parameter	Value / condition
Abrasion resistance	LOW
Humidity	78 %
Flammability rating	UL94V0
Filament diameter - monofilament polyester	0.009 inch
Multifilament yarn	1200 Denier
Colours	3
Wall thickness	0.027 inch
Specific gravity	1.38
Moisture absorption	0.1-0.2 %
Smoke D-Max	56
Operating temperature - melt point	482°F / 250°C
Operating temperature - maximum continuous	257°F / 125°C
Halogen free	Yes
RoHS	Yes



Sizes and variants

Code	Variant / size	Normal dia. (mm)	Functional min (mm)	Functional max (mm)
SYN-SC-D05	05mm	05	03	05
SYN-SC-D08	08mm	08	06	08
SYN-SC-D10	10mm	10	08	10
SYN-SC-D13	13mm	13	11	13
SYN-SC-D16	16mm	16	14	16
SYN-SC-D19	19mm	19	17	19
SYN-SC-D25	25mm	25	22	25
SYN-SC-D32	32mm	32	30	32
SYN-SC-D38	38mm	38	34	38



17 Nylon Spiral Wraps

Spiral wraps for grouping cable bundles and providing an external protective layer.



Product illustration

Technical reference specifications

Parameter	Value / condition
Application	Industrial, automotive, aerospace, solar
Material	Nylon
Type	Wire Protection Sleeves
Sizes variance	Completely adjustable from 8mm - 30 mm

Length: Custom

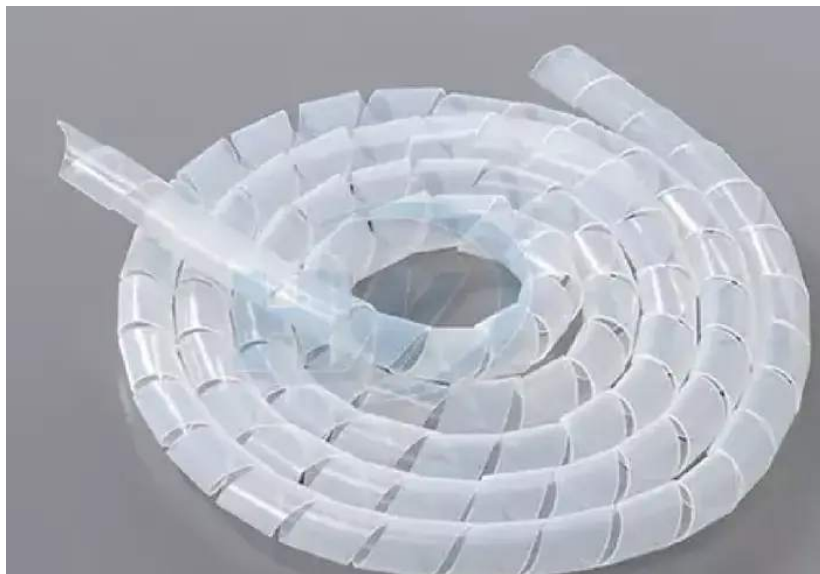
Sizes and variants

Code	Variant / size	ID (mm)	OD (mm)	UOM
PASP-001	13x15x2000 mm	13	15	per mtr
PASP-002	22x25x1700 mm	22	25	per mtr
PASP-003	19x21.5 mm	19	21.5	per mtr
PASP-004	13.2x15.7 mm	13.2	15.7	per mtr
PASP-005	6.5x9 mm	6.5	9	per mtr
PASP-000-PASP-030	Custom	Custom	Custom	Per meter



18 LDPE Spiral Wraps

Polyethylene spiral wraps for organizing and retaining cable bundles.



Product illustration

Technical reference specifications

Parameter	Value / condition
Unit length	12-20 m
Temperature range	-50 to +60 °C
Thickness	Upto 3 mm
Size range	8-160 mm
Certification	RoHS
Material	PE Polyethylene
Sizes variance	Completely adjustable from 3mm - 200 mm

Unit length: 12-20 m; Thickness: 3 mm; UOM: per mtr

Sizes and variants

Code	Variant / size	ID (mm)	OD (mm)
LDPE-SP-001	18x22 mm	18	22
LDPE-SP-002	19x22 mm	19	22
LDPE-SP-003	18x20 mm	18	20
LDPE-SP-004	17x19 mm	17	19
LDPE-SP-005	18.6x23 mm	18.6	23



19 HDPE/LDPE Spiral Wraps

Spiral wrapping bands for cable bundling, with openings that allow branch cables to exit along a harness.



Product illustration

Technical reference specifications

Parameter	Value / condition
Unit length	12-20 m
Temperature range	-50 to +60 °C
Thickness	Upto 3 mm
Size range	8-160 mm
Certification	RoHS
Material	HDPE

Sizes and variants

Code	Variant / size	ID (mm)	OD (mm)	Unit length	Thickness	UOM
HDPE-SP-001	19x25 mm	19	25	12-20 m	3 mm	per mtr
HDPE-SP-002	25x31 mm	25	31	12-20 m	3 mm	per mtr
HDPE-SP-003	20x25 mm	20	25	12-20 m	3 mm	per mtr
HDPE-SP-004	15x21 mm	15	21	12-20 m	3 mm	per mtr
HDPE-4-200	4mm-200 mm	Custom	Custom	Custom	Custom	Per mtr



20 LDPE Tube



Technical reference specifications

Parameter	Value / condition
Material	Low-density polyethylene
Size basis	Same ID / OD dimensions as corresponding spiral wraps
Pressure / temperature	On request
Wall, tolerance and pack length	On request

Reference / scope: Owner confirms dimensions only. Spiral pack lengths, thicknesses, ratings and codes are not transferred.

Pack length: On request

Sizes and variants

Code	ID (mm)	OD (mm)	Thickness	UOM
SYN-LDPE-018	18	22	Custom	per mtr
SYN-LDPE-020	19	22	Custom	per mtr
SYN-LDPE-019	18	20	Custom	per mtr
SYN-LDPE-017	17	19	Custom	per mtr
SYN-LDPE-022	18.6	23	Custom	Per mtr
SYN-LDPE- 003 - 040 MM	custom	custom	custom	Per mtr



21 HDPE Tube



Technical reference specifications

Parameter	Value / condition
Material	High-density polyethylene
Size basis	Same ID / OD dimensions as corresponding spiral wraps
Pressure / temperature	On request
Wall, tolerance and pack length	On request

Sizes and variants

Code	ID (mm)	OD (mm)
SYN-HDPE-01	19	25
SYN-HDPE-02	25	31
SYN-HDPE-03	20	25
SYN-HDPE-04	15	21
From 3mm - 40 mm	Custom	Custom



22 Polyurethane Tubing

Polyurethane tubing for pneumatic and industrial tubing requirements. Specify both inside and outside diameter.



Product illustration

Technical reference specifications

Parameter	Value / condition
Material	Polyurethane
Applications	Pneumatic/industrial tubing applications
Description	Polyurethane tubing supplied in roll lengths depending on size.
Product advantage	UV resistant; excellent bend radius; superior vacuum capability; consistent tensile strength
Working pressure	10 bar
Temperature range	-20 to +70 °C
Hardness	98 Shore A
Size range	3-16 mm
Roll length	25/50/100 meter

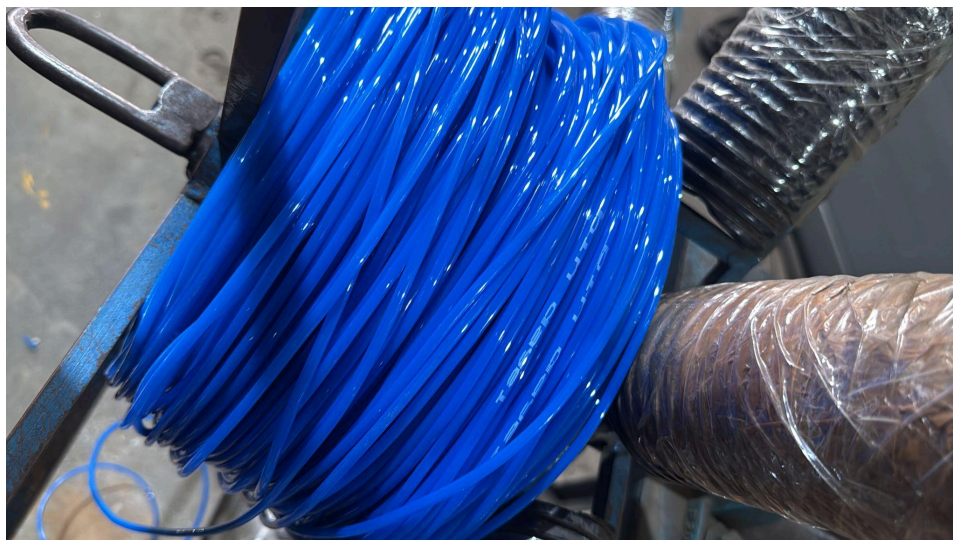


Sizes and ordering options

Code	ID mm	OD mm	Roll length	Colour
PUT001	2.5	4	200/100 m	custom
PUT002	2	4	25 m	custom
PUT003	3	5	200/100 m	custom
PUT004	4	6	25 m	custom
PUT005	6	8	25 m	custom
PUT006	5.5	8	100 m	custom
PUT007	5	8	100 m	custom
PUT008	8	10	25 m	custom
PUT009	6.5	10	50/100 m	custom
PUT010	7	10	50/100 m	custom
PUT011	8	11	50/100 m	custom
PUT012	9	12	50/100 m	custom
PUT013	10	12	25 m	custom
PUT014	8	12	50/100 m	custom
PUT015	10	14	50/100 m	custom
PUT016	9.5	14	50/100 m	custom
PUT017	12	16	50/100 m	custom
PUT018	11	16	50/100 m	custom
PUT019	12	14	25 m	custom
PUT020	14	16	25 m	custom



23 Pneumatic Tube



Technical reference specifications

Parameter	Value / condition
Material grade	PU
Size basis	Same ID x OD
Working pressure / temperature	Custom
Colour / pack length	Black , red . blue , white , natural

Sizes and variants

Code	ID (mm)	OD (mm)	ROLL LENGTH
SYN-PT-001	2.5	4	100 m
SYN-PT-002	2	4	100 m
SYN-PT-003	3	5	100 m
SYN-PT-004	4	6	100 m
SYN-PT-005	6	8	100 m
SYN-PT-006	5.5	8	100 m
SYN-PT-007	5	8	100 m
SYN-PT-008	8	10	100 m
SYN-PT-009	6.5	10	100 m
SYN-PT-010	7	10	100 m
SYN-PT-011	8	11	100 m
SYN-PT-012	9	12	100 m
SYN-PT-013	10	12	100 m
SYN-PT-014	8	12	100 m
SYN-PT-015	10	14	100 m



Code	ID (mm)	OD (mm)	ROLL LENGTH
SYN-PT-016	9.5	14	100 m
SYN-PT-017	12	16	100 m
SYN-PT-018	11	16	100 m
SYN-PT-019	12	14	100 m
SYN-PT-020	14	16	100 m



24 RO Nylon Tube



Technical reference specifications

Parameter	Value / condition
Material	Nylon
Possible ID range	2.5-48 mm
Proposed separate family code	RO001
Pressure, temperature and water-contact compliance	Custom

Representative sizes and custom range

Code	ID (mm)	OD (mm)
SYN-RO-001	2.5	4
SYN-RO-002	3	5
SYN-RO-003	4	6
SYN-RO-004	6	8
SYN-RO-005	5.5	8
SYN-RO-006	5	8
SYN-RO-007	8	10
SYN-RO-008	6.5	10
SYN-RO-009	7	10
SYN-RO-010	8	11
SYN-RO-011	9	12



Code	ID (mm)	OD (mm)
SYN-RO-012	10	12
SYN-RO-013	8	12
SYN-RO-014	10	14
SYN-RO-015	9.5	14
SYN-RO-016	12	16
SYN-RO-017	11	16
SYN-RO-018	12	14
SYN-RO-019	14	16
SYN-RO-020	Custom 2.5-48	custom wall / OD



25 PU Sleeves



Technical reference specifications

Parameter	Value / condition
Working pressure	As per size and wall thickness
Temperature range	-20 to +70 °C
Hardness	98 Shore A
Size range	3-16 mm
Roll length	25-100 meter
Product advantage	UV resistant; excellent bend radius; superior vacuum capability; consistent tensile strength; length marking

Sizes and variants

Code	Size	ID (mm)	OD (mm)	Wall (mm)	Working pressure (bar)
PUSL-001	21x23 mm	21	23	1	9.1
PUSL-002	24x26 mm	24	26	1	8
PUSL-003	28x30 mm	28	30	1	6.9
PUSL-004	22x24 mm	22	24	1	8.7
PUSL-005	26.5x28.5 mm	26.5	28.5	1	7.3
PUSL-006	29.5x31.5 mm	29.5	31.5	1	6.5
PUSL-007	33x35 mm	33	35	1	5.9
PUSL-008	38x40 mm	38	40	1	5.1
PUSL-009	45x47 mm	45	47	1	4.3



Code	Size	ID (mm)	OD (mm)	Wall (mm)	Working pressure (bar)
PUSL-010	55x57 mm	55	57	1	3.6
PUSL-011	7.5X9 mm	7.5	9	0.75	18
PUSL-012	17x19 mm	17	19	1	11.1



26 STRUCTAWRAP SR

Reinforcement tape for external cable joint and sheath repair, pipeline repairs and communication equipment joints.



Ordering information

Parameter	Value / condition
Width	100 mm
Roll lengths	1.5 m / 3.0 m / 4.6 m
Colour options	Black / White

Sizes and variants

Code	Length
SYN-SRW-100-15	1.5 m
SYN-SRW-100-30	3.0 m
SYN-SRW-100-45	4.6 m



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