SES POLYMER EXTRUSION INDUSTRIES SDN BHD

COMPANY PROFILE

SES Polymer Extrusion Industries Sdn Bhd was incorporated in Malaysia on 28th June 2001 as a private limited company under the Companies Act, 1995. The production was started on 1st November 2001. Currently the company has 5 units of Automotive Corrugated Tube Extrusion Machines; 3 units of PVC PIPE Extrusion Machine; 1 unit of PVC Vinyl Sheet Extrusion Machine and 3 units of PVC Extrusion Profile Machine.

Being one of the wiring electrical plastic pipe suppliers for the last 20 years, SES Polymer has also supplied to other overseas distributors such as Singapore, Brunei, Cambodia, Myanmar, Vietnam and many more.

OUR PRODUCTS :

- PVC Electrical PIPE for building construction.
- PVC Telokom PIPE for telecommunication and electrical power.
- PVC Water PIPE for supply and drainage system.
- PVC PIPE for Soil, waste and vent (SWV) system.
- Custom-made profile (PS, ABS, PBT & etc)
- Automotive corrugated tube for wire harness product
- Automotive PVC vinyl protective sheet for wire harness product
- Injection Parts & Accessories.
- Corrugated subduct for Infrastructure & Telecommunication system.
- Glass Fiber Parts for power utilities used.

Most of the product of SES Polymer's ,tested by SIRIM and being awarded SIRIM QAS International Product Certification License and AFAQ-EAQA ISO9001:2015 Quality Management System.

COMPANY MISSION

"WE ARE COMMITTED TO CONTINUOUSLY IMPROVE IN THE CONFORMITY TO PRODUCT REQUIREMENT; IN ORDER TO ENHANCE CUSTOMER SATISFACTION AND ENHANCE EFFECTIVENESS OF THE QUALITY MANAGEMENT SYSTEM"

QUALITY OBJECTIVES

- CONTINUALLY ENHANCE CUSTOMER SATISFACTION.
- CONTINUALLY PROVIDE PRODUCT THAT MEETS CUSTOMER & REGULATORY REQUIREMENTS.
- CONTINUALLY IMPROVE AND COMPLY TO QUALITY OBJECTIVE.
- CONTINUALLY IMPROVE AND ENSURE EFEFCTIVENESS OF THE QUALITY MANAGEMENT SYSTEM.

PP Corrugated Tubes for
Automotive Wire Harness & Electrical wiring

POLYPROPYLENE (PP) Corrugated Tubes are manufactured in accordance to Japan Industrial Standards (JIS) in 10 different sizes and comply with Rohs Ban Substances requirements.

Product Description :

- The tubes are used to provide light mechanical protection for cable of wiring harness in cars/trucks/buses.
- This product had been developed and pioneered in Malaysia by SES Polymer.
- The tubes are extruded in continuous annular corrugated form and available in slit or unslit type.
- The PP corrugated tubes flexibility and efficiency of use.
- We are the Tier 2 supplier of the major car manufacturers in Malaysia.

Nominal Size (MM)	Slitted	Outside Diameter (O/ D)	Inside Diameter (I / D)	Length (METER)	Wall Thickness (MM)
5*	with/without	7.6 ± 0.4	5.2 ± 0.4	700	0.25 ± 0.12
7*	with/without	10.2 ± 0.4	7.4 ± 0.4	400	0.27 ± 0.1
10*	with/without	14.1 ± 0.4	10.7 ± 0.4	200	0.27 ± 0.1
13	with/without	17.5 ± 0.4	13.2 ± 0.4	190	0.27 ± 0.1
15	with	19.5 ± 0.4	15.2 ± 0.4	100	0.27 ± 0.1
19	with	23.8 ± 0.4	19.5 ± 0.4	80	0.27 ± 0.1
22	with	27.0 ± 0.4	22.1 ± 0.4	60	0.30 ± 0.1
25	with	30.0 ± 0.5	25.0 ± 0.6	40	0.35 ± 0.1
28	with	34.0 ± 0.6	28.2 ± 0.6	30	0.35 ± 0.1
32	with	38.0 ± 0.6	32.4 ± 0.6	25	0.35 ± 0.1

Comply to Toyota Engineering Standard TSC1150G
Normal P.P Convoluted Tube : Black Colour (* Yellow)
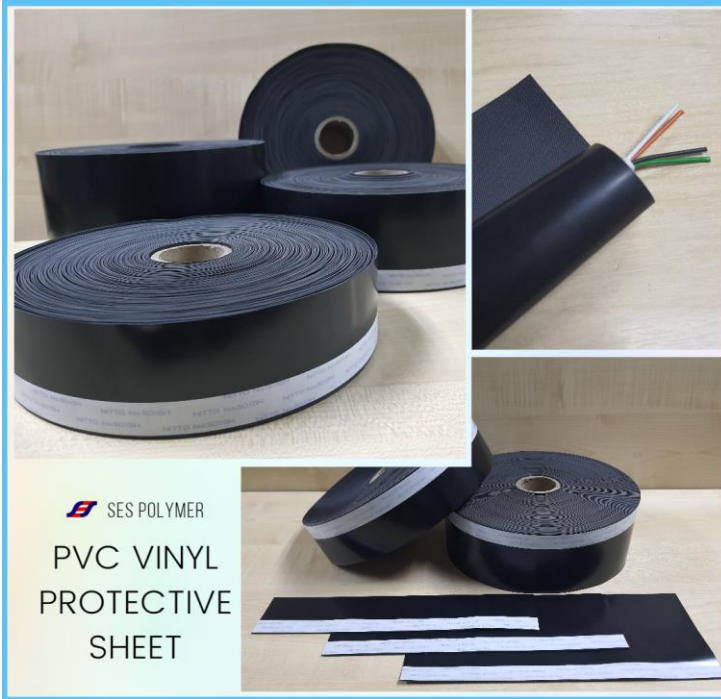Flame Retardant P.P Convoluted Tube : Grey Colour

PVC Vinyl Protective Sheet for Automotive

PVC Vinyl Protective Sheets are manufactured in accordance to SWS Sumitomo Standard (SES C-3008) in 6 different sizes and comply to Rohs Ban Substances requirements.

Product Description :

- This volume of specifications applies to the Vinyl protective sheet to be used for the exterior finishing of automobile wiring harness.
- Compliance to JIS standard and sumitomo wiring standard SES C-3008 Technical standard.
- Usage for automotive industry involve with wire harness industry.
- We are the Tier 2 supplier of the major car manufacturers in Malaysia.

Nominal Size (MM)	Width (MM)	Thickness (MM)	Tape (MM)	Length/Roll (METER)	Roll / Carton	Colour
50	50 ± 3.0	0.4 ± 0.02	15 ± 2	50	16	Black
70	70 ± 3.0	0.4 ± 0.02	15 ± 2	50	12	Black
100	100 ± 3.0	0.4 ± 0.02	15 ± 2	50	8	Black
120	120 ± 3.0	0.4 ± 0.02	15 ± 2	50	4	Black
150	150 ± 3.0	0.4 ± 0.02	15 ± 2	50	4	Black
200	200 ± 3.0	0.4 ± 0.02	15 ± 2	50	4	Black

Comply to SWS Sumitomo standard.

PVC Rigid Conduits for Electrical Installations (SIRIM Certified Products,Malaysia)

PVC Electrical Conduit is commonly used as an insulation pipe for building and infrastructure build-up.

Product Description :

● Improved and unique for bending.
● High Temperature Resistant: - 5°C to 60°C.
● Excellent insulation properties.
● Heat, corrosion and harsh chemicals resistance.
● Fire retardant.
● Compression load force upto 750N.
● Impact resistance.
● Compliant to SIRIM QAS Requirements.

Brand : SES (MEDIUM DUTY)

Product Code	Nominal Size	Wall Thickness (MM)		Standard Length (METER)	Colour	Standard Packing
		Min	Max			
SES 16 (W)	16mm	0.80	1.00	2.9	White	50 Lths
SES 20 (W)	20mm	1.30	1.50	2.9	White	50 Lths
SES 25 (W)	25mm	1.40	1.60	2.9	White	50 Lths
SES 32 (W)	32mm	1.60	1.80	2.9	White	25 Lths

Comply to BS EN 61386-21: 2004+A11: 2010 (332112)

Brand : JL (LIGHT DUTY)

Product Code	Nominal Size	Wall Thickness (MM)		Standard Length (METER)	Colour	Standard Packing
		Min	Max			
JL 20 (W)	20mm	1.00	1.20	2.9	White	50 Lths
JL 25 (W)	25mm	1.30	1.50	2.9	White	50 Lths

Comply to BS EN 61386-21: 2004+A11: 2010 (222112)

HDPE/LDPE Flexible Conduits

HDPE / LDPE Flexible Conduit is commonly used as an insulation pipe for building and infrastructure build-up.

Product Description :

- Improved and unique for bending
- High Temperature Resistant: - 5°C to 60°C.
- Excellent insulation properties.
- Heat, corrosion and harsh chemicals resistance.
- Highest flexibility & easy Installation.
- Providing protection for cables.
- According to BS EN 61386-21:2004+A11:2010.

Product Code	Nominal Size	Minimum Inside Diameter (MM)	Colour	Standard Length	Standard Packing
FLC 16 (W)	16mm	≤ 10.70	White	30 Meter	10 Coils
FLC 20 (W)	20mm	≤ 14.10	White	30 Meter	6 Coils
FLC 25 (W)	25mm	≤ 18.40	White	30 Meter	6 Coils
FLC 32 (W)	32mm	≤ 24.40	White	30 Meter	5 Coils

According to BS EN 61386-21: 2004+A11: 2010

Product Code	Nominal Size	Minimum Inside Diameter (MM)	Colour	Standard Length	Standard Packing
FLC 16 (B)	16mm	≤ 10.70	Black	30 Meter	10 Coils
FLC 20 (B)	20mm	≤ 14.10	Black	30 Meter	6 Coils
FLC 25 (B)	25mm	≤ 18.40	Black	30 Meter	6 Coils
FLC 32 (B)	32mm	≤ 24.40	Black	30 Meter	5 Coils
FLC 40 (B)	40mm	≤ 34.00	Black	25 Meter	-
FLC 50 (B)	50mm	≤ 43.50	Black	25 Meter	-

According to BS EN 61386-21: 2004+A11: 2010

PVC Electrical Trunking
(Malaysia Standard)

PVC ElectricalTrunking specially designed for wires and cable protection. This product provides adequate electrical safety and reliable mechanical protection.

Product Description :

- **High Temperature Resistant: - 5ºC to 60ºC.**
- **White based to allow easy painting with vinyl emulsion to blend with surrounding.**
- **Excellent insulation properties.**
- **Heat, corrosion and harsh chemical resistance.**
- **Fire retardant.**
- **Providing protection for cables.**
- **Appliable for Indoor & outdoor wiring protection.**

Product Code	Standard & Nominal Size			Colour	Standard Length (METER)	Standard Packing
	Width	x	High			
JL 20 x 10	20mm	x	10mm	White	1.83	60 Lenghts
JL 27 x 12	27mm	x	12mm	White	1.83	40 Lenghts
JL 40 x 20	40mm	x	20mm	White	1.83	20Lenghts
JL 50 x 32	50mm	x	32mm	White	1.83	15 Lenghts
JL 50 x 50	50mm	x	50mm	White	1.83	10 Lenghts
JL 75 x 50	75mm	x	50mm	White	1.83	6 Lenghts
JL 100 x 50	100mm	x	50mm	White	1.83	6 Lenghts
JL 100 x 80	100mm	x	80mm	White	1.83	4 Lenghts

UPVC Sewerage, Waste and Ventilation Pipes (SWV)

UPVC Sewerage, Waste and Ventilation Pipes (SWV) for Drainage and General applications. This pipe normally known as Pipe for ventilating pipe and rainwater pipe within building structure.

Product Description :

- No deposits and smooth surface.
- High Temperature Resistant: - 5°C to 60°C.
- White based to allow easy painting.
- Heat, corrosion and harsh chemical resistance.
- Fire retardant.

Brand : SES

Product Code	Standard & Nominal Size				Wall Thickness (MM)	Colour	Standard Packing
	IN	MM	Min	Max			
SES SWV 32	1¼	32	36.2	36.5	≤ 1.4	white	
SES SWV 40	1½	40	42.8	43.1	≤ 1.4	white	
SES SWV 50	2	50	55.8	56.1	≤ 1.5	white	
SES SWV 82	3	82	82.4	82.8	≤ 2.0	white	
SES SWV 110	4	110	110	110.3	≤ 2.2	white	60 Lths
SES SWV 160	6	160	160	160.4	≤ 2.3	white	39 Lths

According to BS 5255 & BS 4514

HDPE Corrugated Telecommunication Sub-duct

High Density Polyethylene (HDPE) flexible corrugated sub-duct used to protect fibre-optic cables, are useful where there are medium/heavy infrastructure build-up and earth movement because their unique design and profile configuration provide high compression strength.

Product Description :

- **High Temperature Resistant: 40°C to 105°C.**
- **Highest flexibility.**
- **Excellent insulation properties.**
- **Resistant to corrosion, acid, alkali, solvents.**
- **Excellent protection for wire & cable.**

Product Code	Nominal Size	Outside Diameter (MM)	Inside Diameter (MM)	Wall Thickness (MM)	Standard Length (METER)	Polyester String
CSD 32	32mm	31.6~32	26.4	1.10 ± 0.1	250	1.8mm
CSD 40	40mm	39.6~40	34.0	1.30 ± 0.1	250	1.8mm
CSD 50	50mm	49.5~50	43.5	1.50 ± 0.1	250	1.8mm

According to BS 4607

PVC Telekom Pipes

PVC Telekom Pipes, commonly used to protect sub-ducts and telecommunication cables buried under ground.

Product Description :

- **Excellent insulation properties.**
- **Resistant to corrosion, acid, alkali, solvents.**
- **Providing protection for cables.**
- **Easy to install.**

Brand : SES

Product Code	Outside diameter		Wall Thickness (MM)	Colour	Standard Length (METER)	Standard Packing
	min	max				
SES 107MM TELEKOM	107mm	108mm	2.4 ~ 2.6	Black	6	80Lth

According to MS 1034

PVC FOAM BOARD

PVC Foam Board is a rigid, lightweight material that can be molded or fabricated into shapes and painted. Commonly used in architecture, design, props, mounting prints, displays, and furniture cabinet.

Product Description :

- Fire Resistance
- Durability
- Moisture Resistance and Waterproof
- Easy to Glue, Paint and Print
- Anti-Termites
- Mold & Mildew Resistance
- Comply to Rohs & Formaldehyde

Thickness (MM)	Length x Width (MM)	Density	Colour	Standard Packing Pallet
5mm	1220 x 2440	0.6	White	100 Pcs
8mm	1220 x 2440	0.6	White	90 Pcs
10mm	1220 x 2440	0.6	White	80 Pcs
12mm	1220 x 2440	0.6	White	70 Pcs
16mm	1220 x 2440	0.6	White	50 Pcs

WATERPROOF   RECYCLABLE   ANTI-TERMITES   FIRE RESISTANCE

Plastic Extrusion Profile

SES Polymer does manufacture other range of custom made products. According to customers requirements and drawings. The Mold & design which matches the cross-sectional shape of the product design.Our company also provide various kinds of custom made profile using material of ABS, PS, PBT & etc.
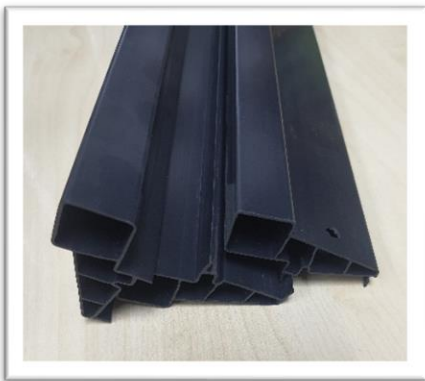
ABS (Acrylonitrile butadiene styrene)

PVC (polyvinyl chloride)

PBT (polybutylene terephthalate)

OTHER PRODUCT

SES POLYMER EXTRUSION INDUSTRIES SDN. BHD.

Conduit Fitting & Accessories

COUPLING SOCKET			
Product Code	Size O.D.mm	Colour	Standard Packing
HIF SOC	20	White/Black	2,000pcs / bag
HIF SOC	25	White/Black	1,000pcs / bag

ROUND TEE			
Product Code	Size O.D.mm	Colour	Standard Packing
HIF RT	20	White	1,000pcs / bag
HIF RT	25	White	1,000pcs / bag

ROUND ELBOW			
Product Code	Size O.D.mm	Colour	Standard Packing
HIF RE	20	White	1,000pcs / bag
HIF RE	25	White	1,000pcs / bag

FEMALE ADAPTOR			
Product Code	Size O.D.mm	Colour	Standard Packing
HIF FA	20	White/Black	3,000pcs / bag
HIF FA	25	White/Black	2,000pcs / bag

BAR & SADDLE			
Product Code	Size O.D.mm	Colour	Standard Packing
HIF BS	20	White/Black	2,000pcs / bag
HIF BS	25	White/Black	2,000pcs / bag

Conduit Fitting & Accessories

ENDUIT BOX - 1 WAY			
Product Code	Size O.D.mm	Colour	Standard Packing
HIF EB	20	White/Black	500pcs / bag
HIF EB	25	White/Black	500pcs / bag

ANGLE BOX - 2 WAY			
Product Code	Size O.D.mm	Colour	Standard Packing
HIF AB	20	White/Black	500pcs / bag
HIF AB	25	White/Black	500pcs / bag

THROUGH BOX - 2 WAY			
Product Code	Size O.D.mm	Colour	Standard Packing
HIF THB	20	White/Black	500pcs / bag
HIF THB	25	White/Black	500pcs / bag

TEE BOX - 3 WAY			
Product Code	Size O.D.mm	Colour	Standard Packing
HIF TB	20	White/Black	500pcs / bag
HIF TB	25	White/Black	400pcs / bag

CROSS BOX - 4 WAY			
Product Code	Size O.D.mm	Colour	Standard Packing
HIF CB	20	White/Black	500pcs / bag
HIF CB	25	White/Black	400pcs / bag

Conduit Fitting & Accessories

INSPECTION TEE			
Product Code	Size O.D.mm	Colour	Standard Packing
HIF IT	20	White/Black	1,000pcs / bag
HIF IT	25	White/Black	500pcs / bag

INSPECTION ELBOW			
Product Code	Size O.D.mm	Colour	Standard Packing
HIF IE	20	White/Black	1,000pcs / bag
HIF IE	25	White/Black	500pcs / bag

INSPECTION BEND			
Product Code	Size O.D.mm	Colour	Standard Packing
HIF IB	20	White/Black	500pcs / bag
HIF IB	25	White/Black	500pcs / bag

CLIP SADDLE			
Product Code	Size O.D.mm	Colour	Standard Packing
HIF C	20	White/Black	5,000pcs / bag
HIF C	25	White/Black	3,000pcs / bag

Reducer			
Product Code	Size O.D.mm	Colour	Standard Packing
HIF 20X25 R	20 X 25	White	3,000pcs / bag

Conduit Fitting & Accessories

EXTENTION RING			
Product Code	**Size**	**Colour**	**Standard Packing**
HIF EXR	25mm	White	1,000pcs / bag
HIF EXR	38mm	White	500pcs / bag

LID COVER		
Product Code	**Colour**	**Standard Packing**
HIF COVER	White	3,000pcs / bag

DOME COVER			
Product Code	**Size O.D.mm**	**Colour**	**Standard Packing**
HIF DC	20	2,000	2,000pcs / bag

BLANK PLATE			
Product Code	**Size**	**Colour**	**Standard Packing**
HIF BP	3 x 3	White	1,000pcs / bag

JOIN BOX			
Product Code	**Size**	**Colour**	**Standard Packing**
J1GANG B	3 x 3	Black	300pcs / bag

Conduit Fitting & Accessories

NUT BOX			
Product Code	Size	Colour	Standard Packing
HIF NB	3 x 3	White	400pcs / bag

NUT BOX			
Product Code	Size	Colour	Standard Packing
HIF NB 1	3 x 6	White	240pcs / bag

NUT BOX			
Product Code	Size	Colour	Standard Packing
HIF NB 2	3 x 7	White	240pcs / bag

NUT BOX			
Product Code	Size	Colour	Standard Packing
HIF NB 3	3 x 10	White	200pcs / bag

NUT BOX			
Product Code	Size	Colour	Standard Packing
HIF NB 4	3 x 12	White	120pcs / bag

Conduit Fitting & Accessories

Conceal Box (K.O.B)			
Product Code	Size	Colour	Standard Packing
HIF KOB	3 x 3	White	400pcs / bag

Conceal Box (K.O.B)			
Product Code	Size	Colour	Standard Packing
HIF KOB1	3 x 6	White	250pcs / bag

Conceal Box (K.O.B)			
Product Code	Size	Colour	Standard Packing
HIF KOB2	3 x 7	White	240pcs / bag

Partition Board			
Product Code	Size	Colour	Standard Packing
PTB	3 x 3	White	400pcs / bag

Partition Board			
Product Code	Size	Colour	Standard Packing
PTB 2	3 x 7	White	300pcs / bag

Conduit Fitting & Accessories

BENDING SPRING (Square Type)			
Product Code	**Size**	**Colour**	**Standard Packing**
OTH BS	20	Silve	20 LTHS
OTH BS	25	Silve	20 LTHS

Wire puller			
Product Code	**Meter**	**Colour**	**Standard Packing**
PVC WP	15	Orange	30 Coils
PVC WP	30	Ornge	30 Coils

ENCLOSURE / TERMINAL BOX		
Size	**Colour**	**Standard Packing**
4 X 4 X 3	Grey	75pcs / Box
(110X110X60)		

ENCLOSURE / TERMINAL BOX		
Size	**Colour**	**Standard Packing**
4 X 6 X 3	Grey	36pcs / Box
(120X160X80)		

Contact Us

SES POLYMER EXTRUSION INDUSTRIES SDN BHD

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Business Card QR Profile