



**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 EFECTIVENESS 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.

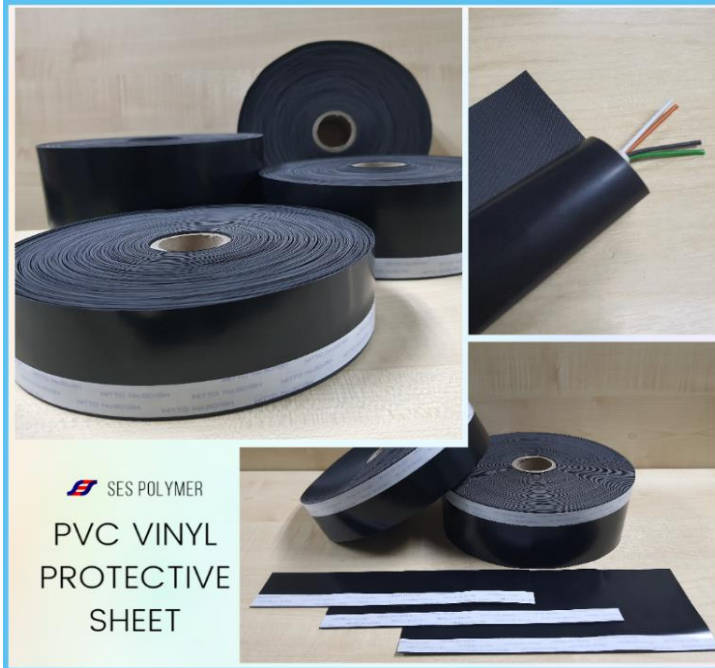
Nominal Size (MM)	Slitted	Outside Diameter (O / D)	Inside Diameter (I / D)	Length (METER)	Wall Thickness (MM)
5*	with/without	7.6 ± 0.4	5.2 ± 0.4	700	0.25 ± 0.12
7*	with/without	10.2 ± 0.4	7.4 ± 0.4	400	0.27 ± 0.1
10*	with/without	14.1 ± 0.4	10.7 ± 0.4	200	0.27 ± 0.1
13	with/without	17.5 ± 0.4	13.2 ± 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 Convuluted Tube : Black Colour (* Yellow)
 Flame Retardant_P.P Convuluted 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.



TOYOTA



HONDA



NAZA KIA



NISSAN



ISUZU



PERODUA





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.
- 100% Lead free & Rohs Compliance.

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 / Black	50 Lths
SES 25 (W)	25mm	1.40	1.60	2.9	White / Black	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)

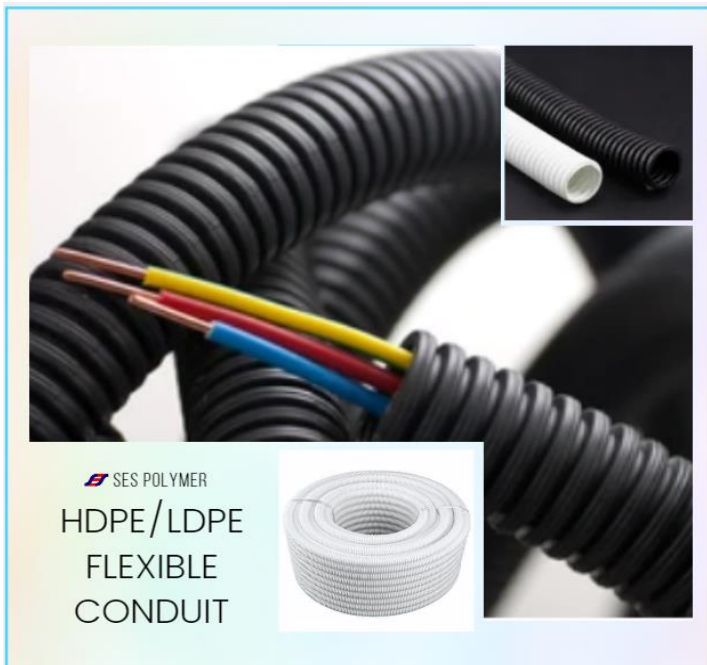
Brand : JL (LIGHT DUTY)

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.

Brand : SES

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

Brand : SES

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

Product Description :

- High Temperature Resistant: - 5°C to 60°C.
- 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.
- Applicable for Indoor & outdoor wiring protection.
- 100% Lead free & Rohs Compliance.

Brand : SES

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



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.
- 100% Lead free & Rohs Compliance.

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	33 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.

Brand : SES

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-Termite
- Mold & Mildew Resistance
- Comply to Rohs & Formaldehyde

Thickness (MM)	Length x Width	Density	Colour	Standard Packing
	(MM)			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

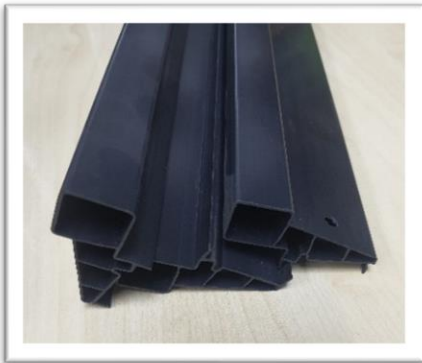


FIRE RESISTANCE



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





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

	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	2,000pcs / bag
	HIF BS	25	White	2,000pcs / 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/Black	2,000pcs / bag





Conduit Fitting & Accessories

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


	DOME COVER			
	Product Code	Size O.D.mm	Colour	Standard Packing
	HIF DC	20	White	2,000pcs / bag
	HIF DC	25	White	2,000pcs / bag

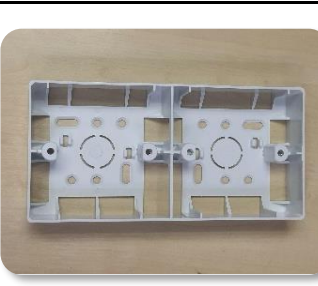
	BLANK PLATE			
	Product Code	Size	Colour	Standard Packing
	HIF BP	3 x 3	White/Black	1,000pcs / bag


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


	NUT BOX			
	Product Code	Size	Colour	Standard Packing
	HIF NB	3 x 3	White/Black	500pcs / bag


Conduit Fitting & Accessories

	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/Black	300pcs / bag

	Conceal Box (K.O.B)			
	Product Code	Size	Colour	Standard Packing
	HIF KOB	3 x 3	White	500pcs / bag

	Conceal Box (K.O.B)			
	Product Code	Size	Colour	Standard Packing
	HIF KOB1	3 x 6	White	80pcs / bag

	Conceal Box (K.O.B)			
	Product Code	Size	Colour	Standard Packing
	HIF KOB2	3 x 7	White	240pcs / 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	10 Coils
	PVC WP	30	Ornge	10 Coils

	ENCLOSURE / TERMINAL BOX		
	Size	Colour	Standard Packing
	(110X110X60)	Grey	75pcs / Box
	(120X160X80)		36pcs / Box



Contact Us



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