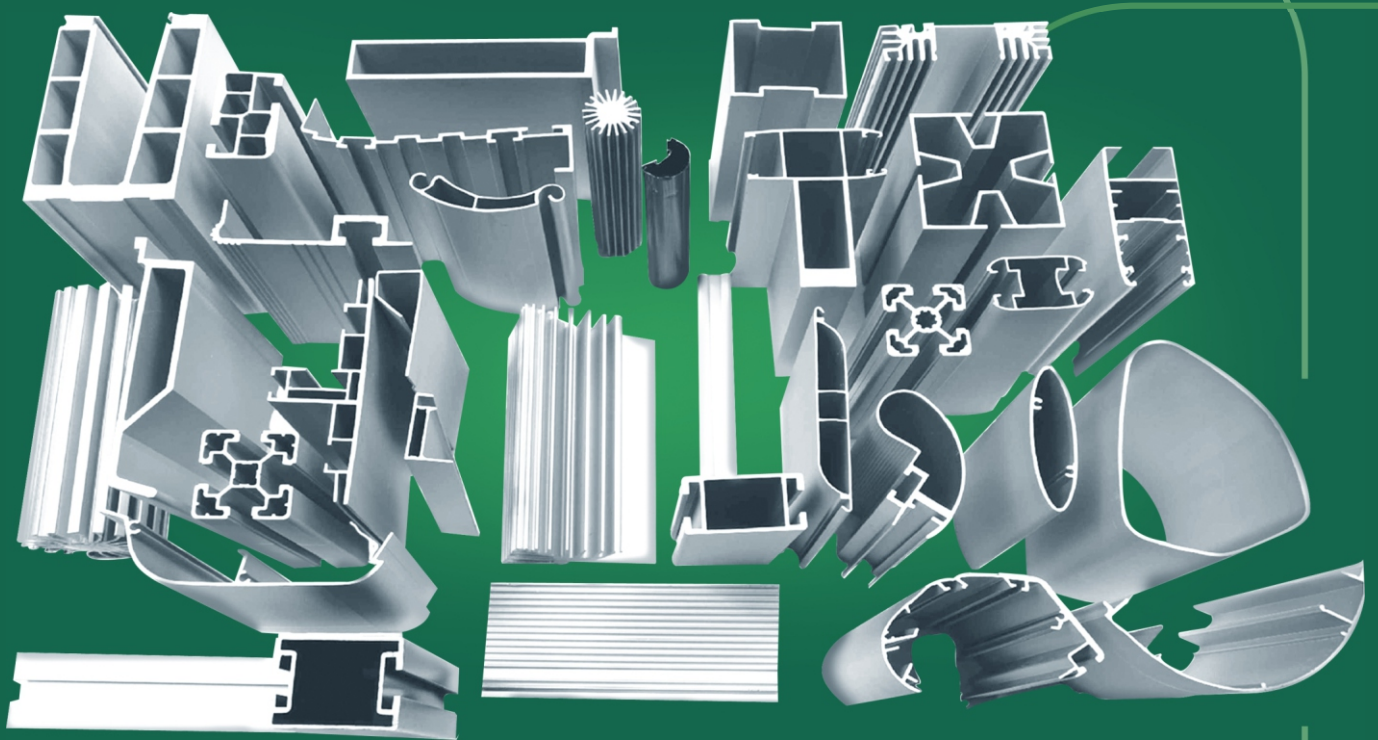




WITH RANGE OF EXTRUSION

www.shalcos.com



Create a sustainable future

Improve your quality of life by introducing budget- friendly

Foundation should stand the test of time

By understanding the material you use, you can achieve world-class excellence.

Customer journey made simple

We offer our customers and suppliers the utmost level of value, service, and uncompromised quality.

ALUMINIUM MINIMAL WINDOWS



INDUSTRIAL ALUMINIUM PROFILE





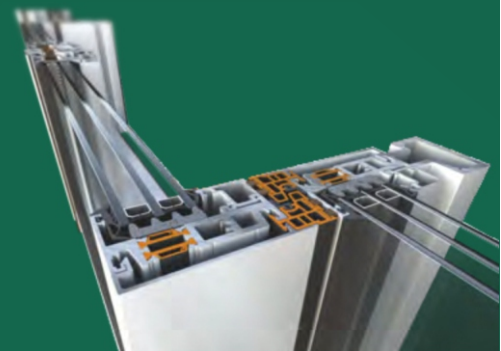
LIFTING & SLIDING INSULATED SYSTEM

The lift & slide system SUPREME S700 represents the new evolution of ALUMIL's advanced systems, for projects with wide spans and impressive characteristics. The system complies perfectly with the modern trends of "transparent" architecture, combining high thermal insulation, safety and modern design.

Its minimal design along with the state-of-the-art technology make it the ideal solution for projects enhancing natural lighting, satisfying even the most demanding requirements.

- Minimal and innovative design with impressive functionality.
- Interlocking face width only 47 mm for maximum visibility and reinforced profiles for door height more than 3,00m.
- Innovative low threshold for easy access and high performances.

- High energy efficiency with special anti-distortion polyamides, for improved performance when there are high temperature differences between indoors and outdoors.
- Smart water evacuation system with concealed profiles that guarantee watertightness under any weather condition.
- The most elegant option for automated lifting sliding doors.



INTRODUCTION:

SHALCOS MANUFACTURES (P) LTD. is engaged in Manufacturing of Aluminum extrusions having high production capacity to meet out the fast-growing market trend. The factory is located in middle of Kerala state, started functioning from 2021. Shalcos is one of the extrusion companies in Kerala at south India, which emerged as a successful one, as achievements are on and still to come.

ASSET QUALITY:

SHALCOS MANUFACTURES is fully automated to handle the profile system installed on of 2021. And also we have 6.5 Ton capacity fully automated Aluminum melting foundry with Aluminum log casting hot top system.

PRODUCTION FACILITY:

SHALCOS MANUFACTURES has a press capacity of 750 MT catering to a range of extrusions with CCD of 5mm to 110mm. Also another one extrusion press capacity of 1450MT is on under process. We are also equipped with advanced machineries like puller system, stretching machine with de-twisting type and cutting machine with table to adjust the length of the section as per the needs.

We have reverberatory type melting Furnace, DC casting Unit with the latest HOT TOP method of casting various alloys to IS 733, IS 737, IS 1285 specifications and various ASTM standards as well. The alloys are well controlled by chemical analysis using laboratory model VAS spectrometer & M Tec for higher accuracy.

RESEARCH AND DEVELOPMENT:

Our research gives us an edge over competitors and put us at the forefront of our field. We are continuously seeking way to improve our products and services. A big portion of our resources are put into research and development to understand better several key mechanisms that can help us do our job better. At SHALCOS MANUFACTURES, the primary aim of R & D process is to maximize output and minimize expenditure and eliminate risk for our employees and customers

In the present world, competition is a challenging aspect of survival. A significant proportion of our business development goes into research and development and we are constantly finding newer, better solutions for our clients and customers. In today's innovation-driven world, a progressive organization always needs to re-define itself and re-invent.

THE WORK FORCE:

Our company is managed by a team of dedicated qualified personnel at plant to give excellent support and quality products to its customers. Also Shalcos Manufactures has good track record in extruding the difficult and critical profiles.

ORDER EXECUTION:

1. Obtain Profile drawing.
2. Design of die to the profile drawing.
3. Resending the modified profile drawing.
4. Receipt of approval from customer.
5. Die is manufactured.
6. Extruded sample of profile using the die is sent to customer on request.
7. Receipt of sample approval.
8. Production of material to the ordered Quantity.
9. Dispatch of the product

MISSION

To provide high quality Aluminium Extruded Products and superior customer service with a focus on value-added products to ensure the customers get ready to use products.

VISION

We shall strive to continuously expand our aluminum extrusion business and be the supplier of first choice to all our customers. We shall simultaneously look out for new and emerging business opportunities related to our field of competence.

VALUES

- | | |
|--------------------|---|
| Commitments | - Do whatever it takes to deliver superior customer value. |
| Courtesy at large. | - Towards our Customers, Employees, Vendors and the Society |
| Integrity | - Honesty in every action. |
| Speed | - Act with urgency to deliver what we promise. |
| Team-work | - Thinking and working together across hierarchy levels. |



SHALCOS MANUFACTURES LLP

SHALCOS MANUFACTURES LLP is a limited liability partnership (LLP) that was formed after realising the limitless potential of aluminium extrusions in the global market. By catering to the need for extruded aluminium products, a unit was set up in the KINFRA Industrial Centre located at Nadukani, Taliparamba in the Kannur District of North Kerala in the year 2021.

SHALCOS MANUFACTURES LLP with the goal of manufacturing and delivering value-added aluminium products of the highest quality.

The global aluminium market has had steady growth over the years. There is an ample market for aluminium products in the market if due quality is maintained. SHALCOS, by setting up their own commercial unit, tries to focus on the quality of the products and competitive pricing, which are the two major concerns in the market.

Shalcos manufactures the products locally by procuring raw materials locally. By providing high quality aluminium extruded products and superior customer service with a focus on value-added products, the customer gets ready to use products.



CUSTOMER SERVICE:

Customer Satisfaction is our motto. So we are committed and well aware of quality requirements and service needs of the customers. Customer Feedback will help us improve and serve in a better way. Submit any feedback related to our material quality, service and also any suggestions or ideas to improve us in serving you better.

General Information

Aluminium Extrusions

- 1, Length: - Normally material will be supplied in standard length of 3.66 meters (12 feet). Only on request, specified cut length will be supplied.
- 2, Weight: - The weight per 3.66 meter length specified in this catalogue is the normal weights. In practice, tolerance, alloy and such other than factors will affect the final weight.
- 3, Dimension and Tolerances: - Material will be supplied in the standard dimension tolerances. Although specified in the catalogue, to ensure correct ordered, the dimensions and tolerances should get confirmed by us.
- 4, New Variety : - In case any new section variety required, apart from the regular section as mentioned in the catalogue, requested to contact our marketing department.

SPECIFICATION

CHEMICAL COMPOSITION

ALLOY DESIGNATION		COPPER		MAGNESIUM		SILICON		IRON	MANGANESE		OTHERS	REST
ALLOY (ISS) OLD	ALLOY (AA) USA	Min.	Max.	Min.	Max.	Min.	Max.	Max.	Min.	Max.	(Total) Max	
H20	6061	0.15	0.4	0.8	1.2	0.4	0.8	0.7	—	0.15	0.4	Al
H9	6063	—	0.1	0.4	0.9	0.3	0.7	0.6	—	0.3	0.4	Al
H30	6351	—	0.1	0.4	1.2	0.6	1.3	0.6	0.4	1	0.3	Al

PROPERTIES

PROPERTIES	A6061	A6063	6351 T6
Physical properties			
Density (p)	2.70g/cm ³ [1]	2.69g/cm ³ [1][2]	2.71g/cm ³
Mechanical properties			
Young's modulus(E)	68.9 GPa (9,990ksi)	68.3 GPa (9,910 ksi)	72 Gpa(10 X 106 psi)
Tensile strength(σ_t)	124-290 Mpa (18.0-42.1 ksi)	145-186 Mpa (21.0-27.0 ksi)	260 Mpa(38 X103 psi)
Elongation (ϵ) at break	12-25%	18-33%	8%
Poisson's ratio(ν)	0.33	0.3	0.33
Thermal properties			
Melting temperature(T_M)	585 °C (1,085 °F)	615 °C (1,139 °F)	600°C (1,110 °F)
Thermal conductivity(k)	151-202 W/(m-K)	201-218 W/m*K	180 W/(m-K)
Linear thermal expansion coefficient (α)	2.32 X 10 ⁻⁵ K ⁻¹	2.34*10 ⁻⁵ K ⁻¹	22 μ m/m-K
Specific heat capacity (C)	897 J/(kg-K)	900 J/Kg*K	890 J/Kg*K
Electrical properties			
Volume resistivity (p)	32.5-39.2 nOhm-m	30-35 nOhm*m	0.0000382 Ohm -CM (@ 20 °C)

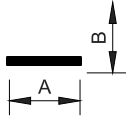
DESCRIPTION PAGE NO

1. FLAT BARS AND ANGLES	12 -13
2. MISCELLANEOUS CHANNEL	14 - 15
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4. RECTANGULAR TUBES	18 -19
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Make Your Aluminium Profile With Custom Aluminum Extrusions

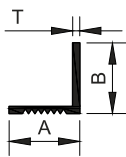


FLAT BAR



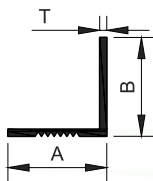
PROFILE NO	A	B	T	WEIGHT/12'	G
SH -1001	25.4	3	3	0.700 - 0.800	H
SH -1003	25.4	6	6	1.450 - 1.550	H
SH -1004	19	6	6	1.100 - 1.200	H

10 MM FLUTED ANGLE



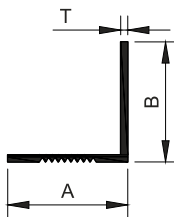
PROFILE NO	A	B	T	WEIGHT/12'	G
SH -1020	10	10	0.40	0.080-0.100	XXL

14 MM FLUTED ANGLE



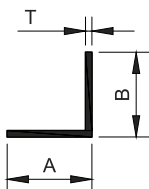
PROFILE NO	A	B	T	WEIGHT/12'	G
SH -1023	14	14	0.40	0.100-0.120	XXL

17 MM FLUTED ANGLE



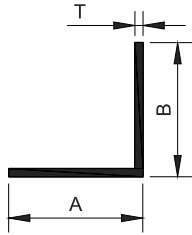
PROFILE NO	A	B	T	WEIGHT/12'	G
SH -1026	17	17	0.40	0.120-0.140	XXL

12 MM PLAIN ANGLE



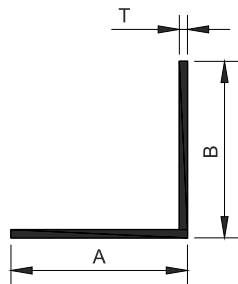
PROFILE NO	A	B	T	WEIGHT/12'	G
SH -1030	12	12	0.91	0.080-0.220	XXL
SH -1031	12	12	2.91	0.300-0.350	XXL

19 MM PLAIN ANGLE



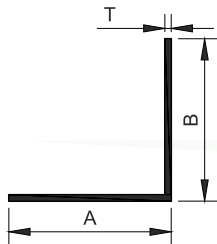
PROFILE NO	A	B	T	WEIGHT/12'	G
SH -1040	19	19	1.18	0.450-0.500	XL
SH -1041	19	19	1.46	0.500-0.600	L
SH -1042	19	19	1.71	0.600-0.700	H
SH -1043	19	19	2.00	0.700-0.800	H

23 MM CEALING ANGLE



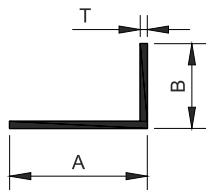
PROFILE NO	A	B	T	WEIGHT/12'	G
SH -1050	23	23	0.55	0.250-0.280	XL
SH -1051	23	23	0.66	0.300-0.350	L

CLEAT ANGLE



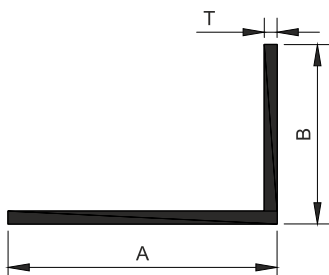
PROFILE NO	A	B	T	WEIGHT/12'	G
SH -1060	25.4	25.4	1.41	0.700-0.800	M
SH -1061	25.4	25.4	1.59	0.800-0.900	H
SH -1062	25.4	25.4	1.82	0.900-1.000	H
SH -1070	38.1	38.1	2.00	1.450- 1.500	H

UNEQUAL ANGLE



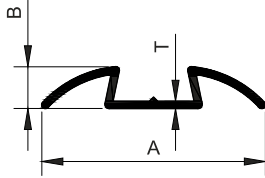
PROFILE NO	A	B	T	WEIGHT/12'	G
SH -1045	19	10	1.80	0.500-0.600	M
SH -1047	19	12	1.95	0.550-0.600	M

UNEQUAL ANGLE



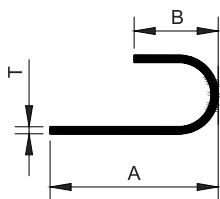
PROFILE NO	A	B	T	WEIGHT/12'	G
SH -1065	38.1	25.4	1.65	1.000 - 1.100	M
SH -1066	38.1	25.4	1.81	1.100- 1.200	M
SH -1067	38.1	25.4	2.00	1.200- 1.300	H

KYE GOLA



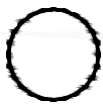
PROFILE NO	A	B	T	WEIGHT/12'	G
SH -1081	31.50	5.55	0.62	0.230 - 0.280	XL
SH -1082	31.50	5.55	0.66	0.280 - 0.330	L

WATER CHANNEL



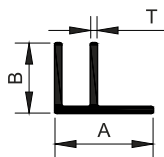
PROFILE NO	A	B	T	WEIGHT/12'	G
SH -1091	24	12	1.0	0.300 - 0.350	XL
SH -1092	24	12	1.1	0.350 - 0.400	M

FLUTTED PIPE



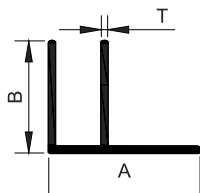
PROFILE NO	A	B	T	WEIGHT/12'	G
SH -1111	24.8	22.6		0.330 - 0.380	XXL

SMALL-F



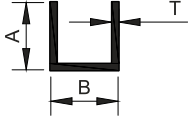
PROFILE NO	A	B	T	WEIGHT/12'	G
SH -1130	14	10	0.90	0.280 - 0.320	L

F - GRILL



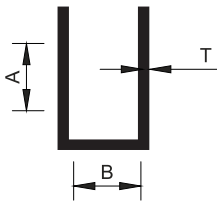
PROFILE NO	A	B	T	WEIGHT/12'	G
SH -1135	21.6	16	0.69	0.350 - 0.400	L
SH -1136	21.6	16	0.79	0.400 - 0.450	M

U - CHANNEL



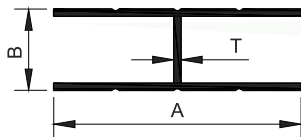
PROFILE NO	A	B	T	WEIGHT/12'	G
SH -1145	9.52	9.52	0.61	0.250 - 0.300	XL
SH -1146	9.52	9.52	0.79	0.300 - 0.350	L
SH -1147	9.52	9.52	0.83	0.350 - 0.400	M
SH -1148	12	12	0.83	0.350 - 0.450	H

SINGLE - CHANNEL



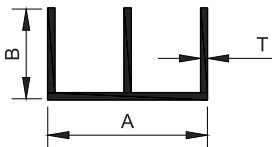
PROFILE NO	A	B	T	WEIGHT/12'	G
SH -1150	25	19	0.85	0.750 - 0.850	H

GRILL-H



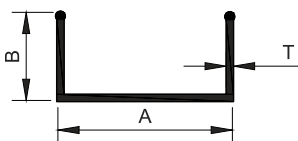
PROFILE NO	A	B	T	WEIGHT/12'	G
SH -1155	35	11.5	0.94	0.600 - 0.700	L
SH -1156	35	11.5	0.99	0.700 - 0.800	M

DOUBLE GLASS CHANNEL



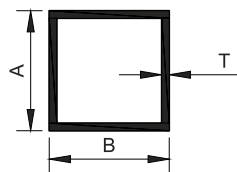
PROFILE NO	A	B	T	WEIGHT/12'	G
SH -1170	22	11	0.64	0.350 - 0.400	M
SH -1171	22	11	0.70	0.400 - 0.450	M

BULB - C -



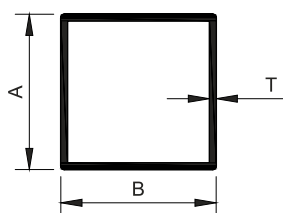
PROFILE NO	A	B	T	WEIGHT/12'	G
SH -1205	24.7	12.4	0.71	0.350 - 0.400	M
SH -1206	24.7	12.4	0.82	0.400 - 0.450	M

17 MM SQUARE TUBE



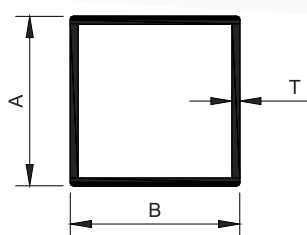
PROFILE NO	A	B	T	WEIGHT/12'	G
SH -2115	17	17	0.47	0.310 - 0.360	XL
SH -2116	17	17	0.54	0.360 - 0.420	L

22 MM SQUARE TUBE



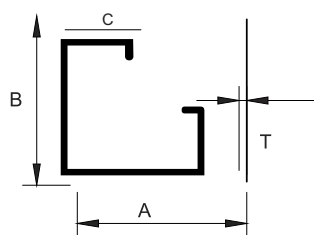
PROFILE NO	A	B	T	WEIGHT/12'	G
SH -2125	22	22	0.49	0.420 - 0.480	XL
SH -2126	22	22	0.59	0.480 - 0.520	L
SH -2127	22	22	0.71	0.520 - 0.600	M

24 MM SQUARE TUBE



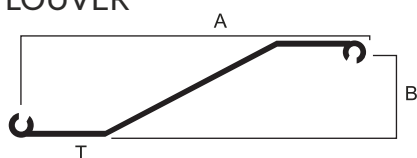
PROFILE NO	A	B	T	WEIGHT/12'	G
SH -2135	24	24	0.49	0.450 - 0.500	XXL
SH -2136	24	24	0.55	0.500 - 0.600	XL
SH -2137	24	24	0.61	0.600 - 0.650	M

G GEAR



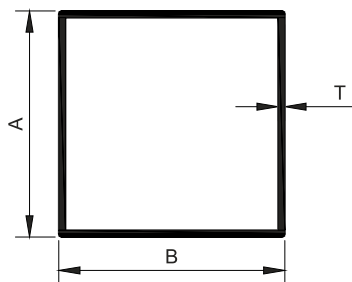
PROFILE NO	A	B	C	T	WEIGHT/12'	G
SH -9160	40	40	19.5	1.7	1.900 - 2.100	H

LOUVER



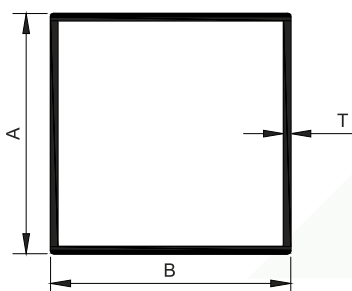
PROFILE NO	A	B	T	WEIGHT/12'	G
SH -9170	77	27.6	1.0	1.100 - 1.200	H

32 MM SQUARE TUBE



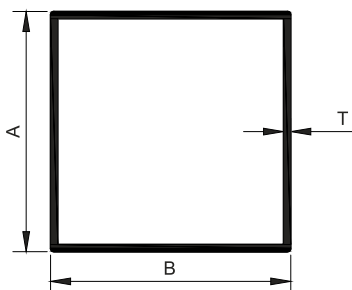
PROFILE NO	A	B	T	WEIGHT/12'	G
SH -2151	32	32	0.65	0.700 - 0.800	XL
SH -2152	32	32	0.69	0.800 - 0.900	L
SH -2153	32	32	0.73	0.900 - 1.000	M
SH -2154	32	32	0.78	1.000 - 1.100	H
SH -2155	32	32	0.86	1.100 - 1.250	H

38 MM SQUARE TUBE



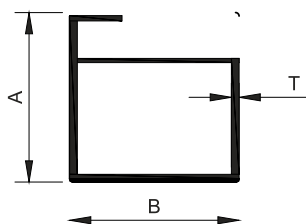
PROFILE NO	A	B	T	WEIGHT/12'	G
SH -2165	38	38	0.63	0.900 - 1.000	L
SH -2166	38	38	0.74	1.000 - 1.100	M
SH -2167	38	38	0.86	1.100 - 1.200	M

50 MM SQUARE TUBE



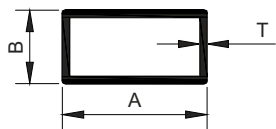
PROFILE NO	A	B	T	WEIGHT/12'	G
SH -2170	50	50	1.00	1.900 - 2.000	M
SH -2171	50	50	1.10	2.000 - 2.200	H

SQUARE WITH LIP



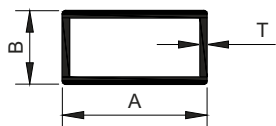
PROFILE NO	A	B	T	WEIGHT/12'	G
SH -2181	27.15	22.5	0.49	0.470 - 0.520	XXL
SH -2182	27.15	22.5	0.55	0.520 - 0.600	XL
SH -2183	32	32	0.55	0.700 - 0.800	XL
SH -2184	36	24	0.55	0.400 - 0.600	XL

RECTANGULAR TUBE



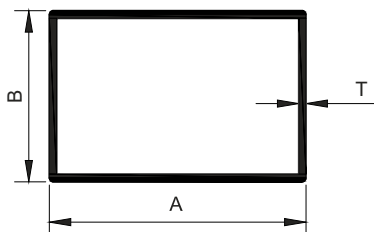
PROFILE NO	A	B	T	WEIGHT/12'	G
SH -2401	20	10	0.65	0.400 - 0.450	L
SH -2402	20	10	0.75	0.450 - 0.500	M

RECTANGULAR TUBE



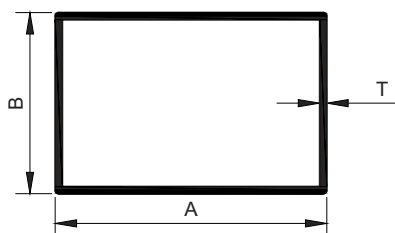
PROFILE NO	A	B	T	WEIGHT/12'	G
SH -2410	32	19	0.80	0.800 - 0.900	L
SH -2411	32	19	0.90	0.900 - 1.000	M

36 X 24 RECTANGULAR TUBE



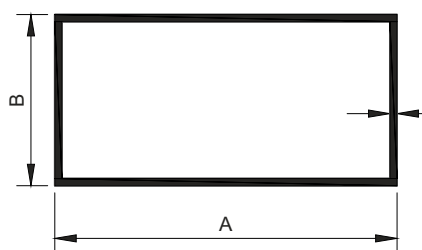
PROFILE NO	A	B	T	WEIGHT/12'	G
SH -2414	36	24	0.51	0.600 - 0.700	XL
SH -2415	36	24	0.61	0.700 - 0.800	L
SH -2416	36	24	0.70	0.800 - 0.900	M
SH -2417	36	24	0.79	0.900 - 1.000	M
SH -2418	36	24	0.97	1.000 - 1.100	H
SH -2419	36	24	1.10	1.100 - 1.200	H

38 X 25 RECTANGULAR TUBE



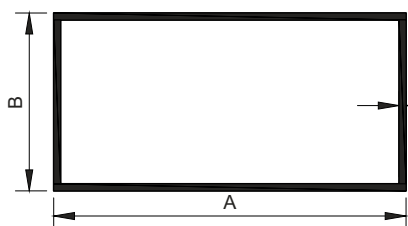
PROFILE NO	A	B	T	WEIGHT/12'	G
SH - 2425	38.1	25.4	0.78	0.900 - 1.000	M
SH - 2426	38.1	25.4	0.84	1.000 - 1.100	M
SH - 2427	38.1	25.4	0.90	1.100 - 1.200	H

48 X 24 RECTANGULAR TUBE



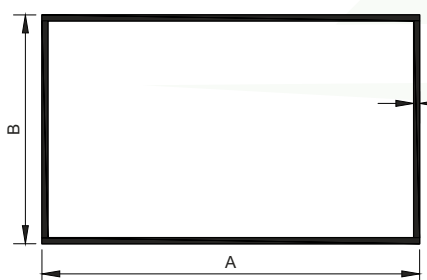
PROFILE NO	A	B	T	WEIGHT/12'	G
SH -2429	48	24	0.65	0.800 - 0.900	XL
SH -2430	48	24	0.65	0.900 - 1.000	L
SH -2431	48	24	0.68	1.000 - 1.100	M
SH -2432	48	24	0.75	1.100 - 1.200	M

50 X 25 RECTANGULAR TUBE



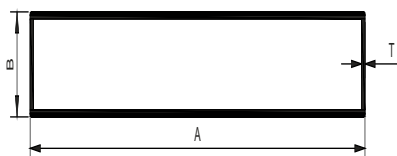
PROFILE NO	A	B	T	WEIGHT/12'	G
SH -2438	50.8	25.4	0.60	0.900 - 1.000	L
SH -2439	50.8	25.4	0.68	1.000 - 1.100	M
SH -2440	50.8	25.4	0.73	1.100 - 1.200	H
SH -2441	50.8	25.4	0.78	1.200 - 1.300	H
SH -2442	50.8	25.4	0.90	1.300 - 1.400	H
SH -2443	50.8	25.4	0.96	1.400 - 1.500	H
SH -2444	50.8	25.4	1.05	1.500 - 1.800	H
SH -2445	50.8	25.4	1.25	1.800 - 2.000	H

63 X 38 RECTANGULAR TUBE



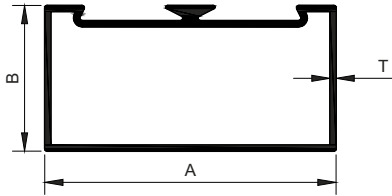
PROFILE NO	A	B	T	WEIGHT/12'	G
SH -2460	63.5	38.1	0.65	1.400 - 1.500	XL
SH -2461	63.5	38.1	0.75	1.500 - 1.600	L
SH -2462	63.5	38.1	0.85	1.600 - 1.700	M
SH -2463	63.5	38.1	0.95	1.700 - 1.800	H
SH -2464	63.5	38.1	1.05	1.800 - 1.900	H
SH -2465	63.5	38.1	1.10	1.900 - 2.000	H
SH -2466	63.5	38.1	1.15	2.000 - 2.100	H
SH -2467	63.5	38.1	1.20	2.100 - 2.200	H
SH -2468	63.5	38.1	1.25	2.200 - 2.400	H
SH -2469	63.5	38.1	1.30	2.400 - 2.600	H
SH -2470	63.5	38.1	1.40	2.700 - 3.000	H
SH -2471	63.5	38.1	1.90	3.700 - 4.000	H

RECTANGULAR TUBE



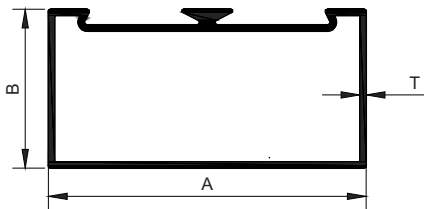
PROFILE NO	A	B	T	WEIGHT/12'	G
SH -2475	80	15	0.73	1.400 - 1.500	L
SH -2476	80	15	0.83	1.500 - 1.600	M
SH -2481	100	15	0.76	1.500 - 1.600	L
SH -2482	100	15	0.73	1.600 - 1.700	M
SH -2483	80	25	0.73	1.600 - 1.700	M
SH -2484	100	25	0.83	1.900 - 2.000	M

48 X 24 SINGLE PARTITION



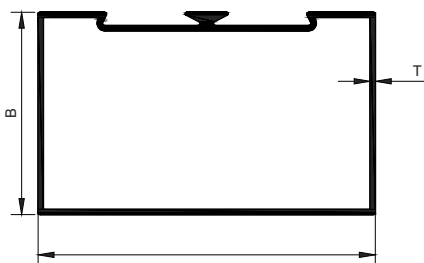
PROFILE NO	A	B	T	WEIGHT/12'	G
SH -3001	48	24	0.57	0.900 - 1.000	XL
SH -3002	48	24	0.67	1.000 - 1.100	L
SH -3003	48	24	0.72	1.100 - 1.200	M

50 X 25 SINGLE PARTITION



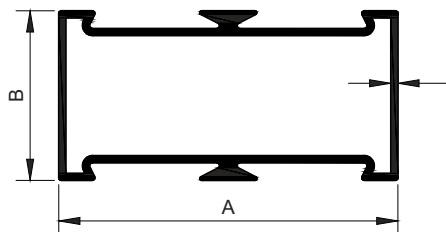
PROFILE NO	A	B	T	WEIGHT/12'	G
SH -3011	50.8	25.4	0.56	1.000 - 1.100	L
SH -3012	50.8	25.4	0.60	1.100 - 1.200	M
SH -3013	50.8	25.4	0.63	1.200 - 1.300	H
SH -3014	50.8	25.4	0.85	1.300 - 1.500	H
SH -3015	50.8	25.4	0.95	1.500 - 1.800	H
SH -3016	50.8	25.4	1.15	1.800 - 2.000	H

63 X 38 SINGLE PARTITION



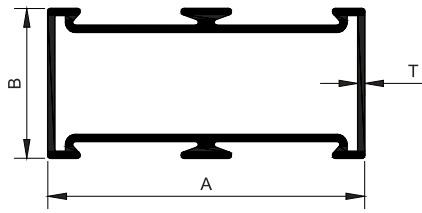
PROFILE NO	A	B	T	WEIGHT/12'	G
SH -3021	63.5	38.1	0.55	1.500 - 1.600	XL
SH -3022	63.5	38.1	0.65	1.600 - 1.700	L
SH -3023	63.5	38.1	0.75	1.700 - 1.800	M
SH -3024	63.5	38.1	0.75	1.800 - 1.900	H
SH -3025	63.5	38.1	0.80	1.900 - 2.000	H
SH -3026	63.5	38.1	0.95	2.000 - 2.200	H
SH -3027	63.5	38.1	1.00	2.200 - 2.500	H
SH -3028	63.5	38.1	1.25	2.500 - 2.800	H
SH -3029	63.5	38.1	1.35	2.800 - 3.000	H
SH -3030	63.5	38.1	1.80	3.700 - 4.000	H

48 X 24 DOUBLE PARTITION



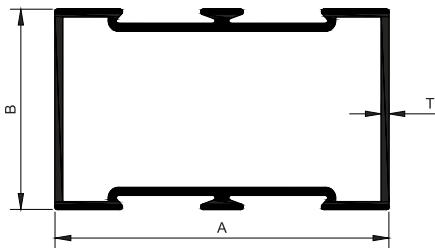
PROFILE NO	A	B	T	WEIGHT/12'	G
SH -3101	48	24	0.54	1.050 - 1.100	XL
SH -3102	48	24	0.64	1.100 - 1.200	L
SH -3103	48	24	0.70	1.200 - 1.300	M

50 X 25 DOUBLE PARTITION



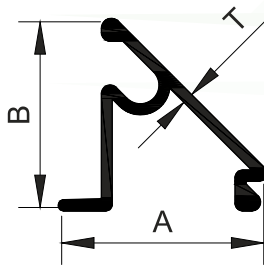
PROFILE NO	A	B	T	WEIGHT/12'	G
SH -3111	50.8	25.4	0.51	1.050 - 1.100	L
SH -3112	50.8	25.4	0.57	1.100 - 1.200	M
SH -3113	50.8	25.4	0.61	1.200 - 1.300	H
SH -3114	50.8	25.4	0.80	1.300 - 1.500	H
SH -3115	50.8	25.4	0.90	1.500 - 1.800	H
SH -3116	50.8	25.4	1.10	1.800 - 2.000	H

63 X 38 DOUBLE PARTITION



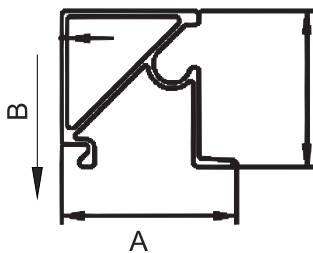
PROFILE NO	A	B	T	WEIGHT/12'	G
SH -3121	63.5	38.1	0.54	1.500 - 1.600	L
SH -3122	63.5	38.1	0.61	1.600 - 1.700	M
SH -3123	63.5	38.1	0.66	1.700 - 1.800	H
SH -3124	63.5	38.1	0.74	1.800 - 1.900	H
SH -3125	63.5	38.1	0.77	1.900 - 2.000	H
SH -3126	63.5	38.1	0.84	2.000 - 2.200	H
SH -3127	63.5	38.1	0.91	2.200 - 2.500	H
SH -3128	63.5	38.1	1.10	2.500 - 2.800	H
SH -3129	63.5	38.1	1.25	2.800 - 3.000	H
SH -3130	63.5	38.1	1.80	3.700 - 4.000	H

GLAZING CLIP



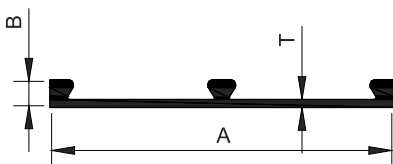
PROFILE NO	A	B	T	WEIGHT/12'	G
SH -3255	18.75	17.23	0.46	0.220 - 0.250	XL
SH -3256	18.75	17.23	0.51	0.250 - 0.280	L

BOX CLIP



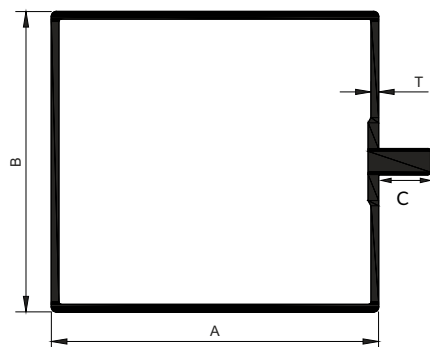
PROFILE NO	A	B	T	WEIGHT/12'	G
SH -3245	19.6	17.5	0.50	0.450 - 0.500	XL
SH -3246	19.6	17.5	0.55	0.500 - 0.550	L

GLAZING PLATE



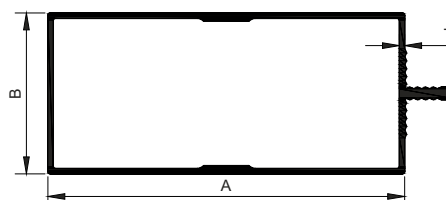
PROFILE NO	A	B	T	WEIGHT/12'	G
SH -3261	44.46	3.19	0.49	0.450 - 0.500	XL
SH -3262	44.46	3.19	0.56	0.500 - 0.550	L
SH -3263	44.46	3.19	0.60	0.550 - 0.600	M

LIP - SECTION



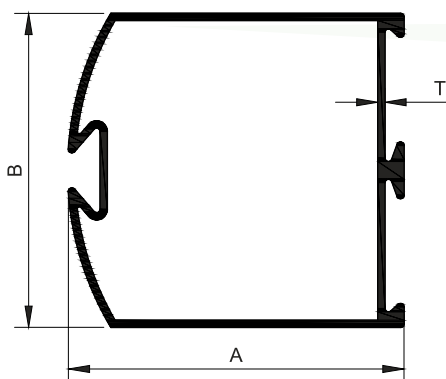
PROFILE NO	A	B	C	T	WEIGHT/12'	G
SH -3145	45	45	6	1.00	1.900 - 2.000	M
SH -3146	45	45	6	1.12	2.000 - 2.200	H
SH -3147	45	45	6	1.20	2.200 - 2.400	H
SH -3148	45	45	6	1.35	2.400 - 2.600	H
SH -3150	64	58	6	1.30	3.600 - 3.800	H
SH -3151	64	58	10	1.30	3.600 - 3.800	H
SH -3160	50	50	10	1.30	1.900 - 2.000	M

LIP - SECTION



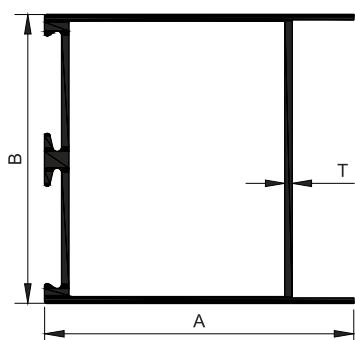
PROFILE NO	A	B	T	WEIGHT/12'	G
SH -3165	63	28.5	0.81	1.600 - 1.700	L
SH -3166	63	28.5	0.90	1.700 - 1.800	M
SH -3167	63	28.5	1.000	1.800 - 1.900	H

47 X 44 DOOR VERTICAL



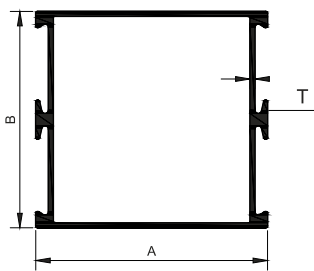
PROFILE NO	A	B	T	WEIGHT / 7'	G
SH -4001	47.45	44.46	0.89	1.050 - 1.100	M
SH -4002	47.45	44.46	1.91	1.100 - 1.200	H
SH -4003	47.45	44.46	1.07	1.200 - 1.300	H

47 X 44 DOOR TOP



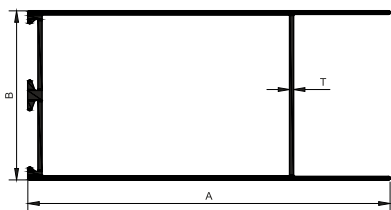
PROFILE NO	A	B	T	WEIGHT/12'	G
SH -4011	47.62	44.45	0.90	1.700 - 1.800	M
SH -4012	47.62	44.45	1.00	1.800 - 1.900	H
SH -4013	47.62	44.45	1.04	1.900 - 2.000	H

47 X 44 DOOR MIDDLE



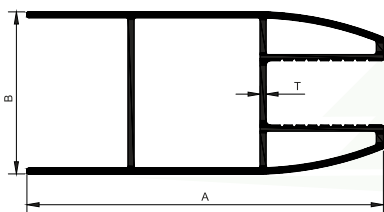
PROFILE NO	A	B	T	WEIGHT/12'	G
SH -4021	47.62	44.45	0.87	1.700 - 1.800	H
SH -4022	47.62	44.45	1.91	1.800 - 1.900	H
SH -4023	47.62	44.45	1.12	1.900 - 2.000	H

95 MM DOOR BOTTOM



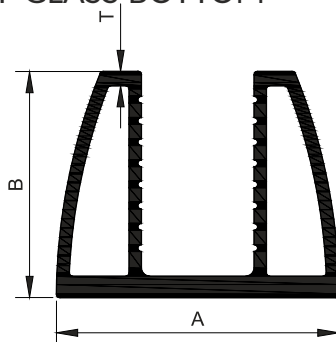
PROFILE NO	A	B	T	WEIGHT/12'	G
SH -4040	95.25	44.45	0.88	2.600 - 2.700	H
SH -4041	95.25	44.45	0.98	2.700 - 2.900	H
SH -4042	95.25	44.45	1.15	2.900 - 3.100	H

GLASS BOTTOM



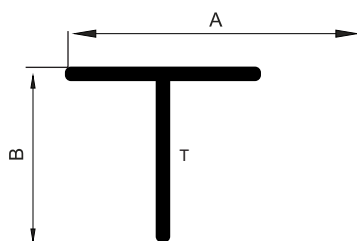
PROFILE NO	A	B	T	WEIGHT/12'	G
SH -4050	88	40	1.35	4.100 - 4.250	H

HALF GLASS BOTTOM



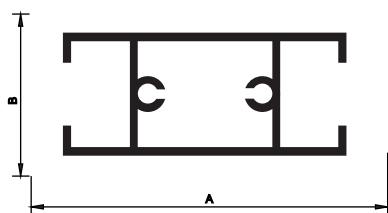
PROFILE NO	A	B	T	WEIGHT/12'	G
SH -4060	32	39.9	1.60	2.900 - 3.100	M

T SECTION



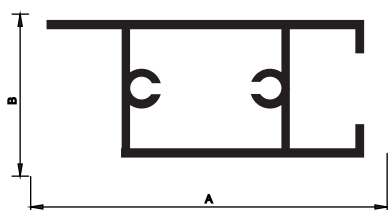
PROFILE NO	A	B	T	WEIGHT/12'	G
SH -9190	20	18.5	1.55	0.500 - 0.600	H
SH -9191	21.3	22	1.45	0.500 - 0.700	H

18 MM MATTING



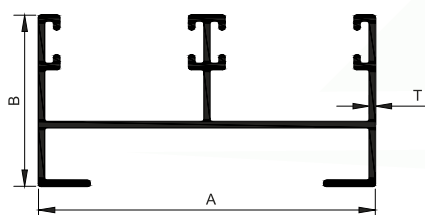
PROFILE NO	A	B	T	WEIGHT/12'	G
SH -4115	42	18	0.75	1.100 - 1.200	M

18 MM HANDLE WITH LEG



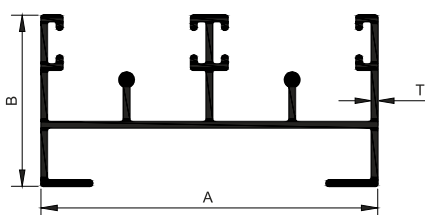
PROFILE NO	A	B	T	WEIGHT/12'	G
SH -4120	42	18	0.86	1.100 - 1.200	M

18 MM TWO TRACK TOP & SIDE



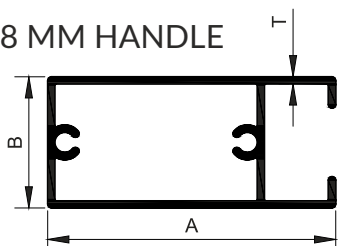
PROFILE NO	A	B	T	WEIGHT/12'	G
SH -4138	62	31.5	0.70	1.400 - 1.500	M
SH -4139	62	31.5	0.76	1.500 - 1.600	H
SH -4140	62	31.5	0.81	1.600 - 1.800	H
SH -4141	62	31.5	0.89	1.800 - 2.000	H

18 MM TWO TRACK BOTTOM



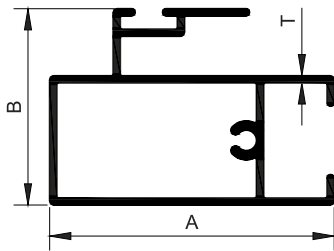
PROFILE NO	A	B	T	WEIGHT/12'	G
SH -4148	62	31.5	0.70	1.500 - 1.600	M
SH -4149	62	31.5	0.76	1.600 - 1.700	H
SH -4150	62	31.5	0.81	1.700 - 1.800	H
SH -4151	62	31.5	0.84	1.800 - 2.000	H

18 MM HANDLE



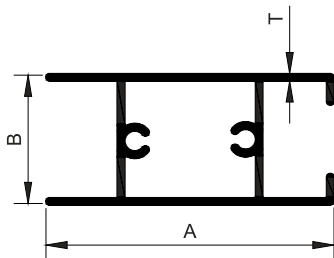
PROFILE NO	A	B	T	WEIGHT/12'	G
SH -4155	40	18	0.63	0.800 - 0.900	L
SH -4156	40	18	0.73	0.900 - 1.000	M
SH -4157	40	18	0.83	1.000 - 1.100	H

18 MM SHUTTER INTERLOCK



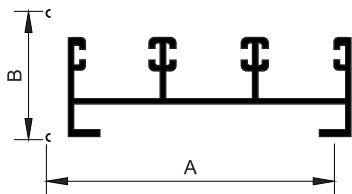
PROFILE NO	A	B	T	WEIGHT/12'	G
SH -4164	40	26.34	0.65	1.100 - 1.200	M
SH -4165	40	26.34	0.69	1.200 - 1.300	H
SH -4166	40	26.34	0.76	1.300 - 1.400	H

18 MM RUNNER



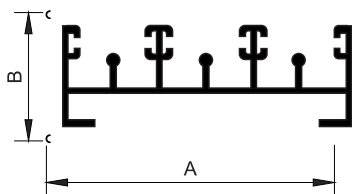
PROFILE NO	A	B	T	WEIGHT/12'	G
SH -4175	40	18	0.70	0.900 - 1.000	L
SH -4176	40	18	0.80	1.000 - 1.100	M
SH -4177	40	18	0.90	1.100 - 1.200	H

18 MM 3 TRACK TOP



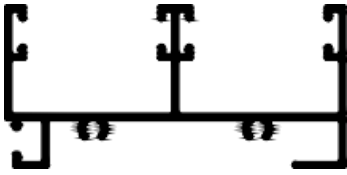
PROFILE NO	A	B	T	WEIGHT/12'	G
SH -4180	92	32	0.90	2.500 - 2.600	H
SH -4181	92	32	1.00	2.600 - 2.700	H

18 MM 3 TRACK BOTTOM



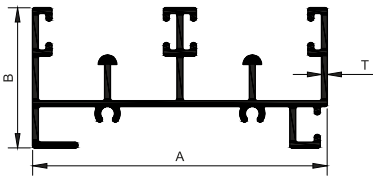
PROFILE NO	A	B	T	WEIGHT/12'	G
SH -4185	92	32	0.84	2.500 - 2.600	H
SH -4186	92	32	0.93	2.600 - 2.700	H

20 MM TWO TRACK TOP & SIDE



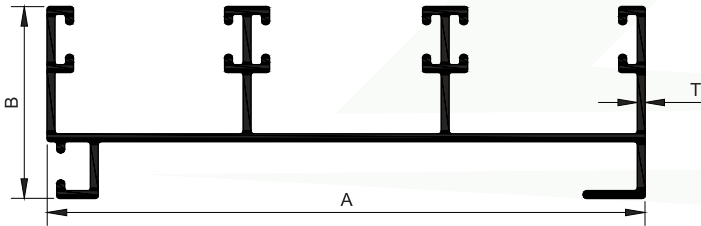
PROFILE NO	A	B	T	WEIGHT/12'	G
SH -4240	62	29.5	0.90	1.700 - 1.800	M
SH -4241	62	29.5	0.98	1.800 - 1.900	H
SH -4242	62	29.5	1.07	1.900 - 2.000	H

20 MM TWO TRACK BOTTOM



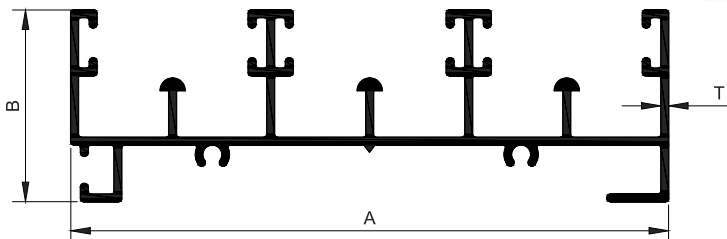
PROFILE NO	A	B	T	WEIGHT/12'	G
SH -4250	62	29.5	1.05	1.700 - 1.800	M
SH -4251	62	29.5	1.12	1.800 - 2.000	H
SH -4252	62	29.5	1.18	2.000 - 2.200	H

20 MM THREE TRACK TOP



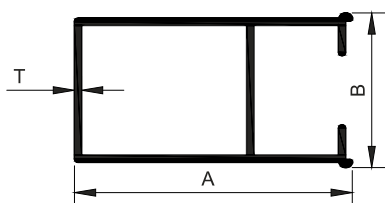
PROFILE NO	A	B	T	WEIGHT/12'	G
SH -4340	92	29.5	1.20	2.600 - 2.700	M
SH -4041	92	29.5	1.20	2.700 - 2.900	H

20 MM THREE TRACK BOTTOM



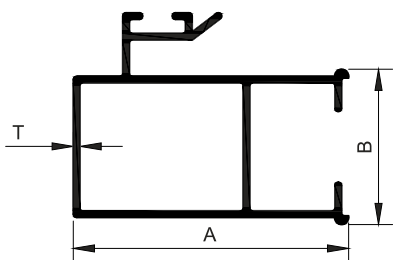
PROFILE NO	A	B	T	WEIGHT/12'	G
SH -4350	92	29.5	0.88	2.800 - 3.000	M
SH -4351	92	29.5	1.18	3.000 - 3.200	H

20 MM HANDLE



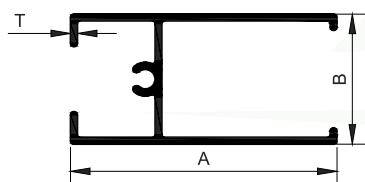
PROFILE NO	A	B	T	WEIGHT/12'	G
SH -4255	39	21.5	0.64	0.750 - 0.800	XL
SH -4256	39	21.5	0.66	0.800 - 0.900	L
SH -4257	39	21.5	0.71	0.900 - 1.000	M

20 MM SHUTTER INTERLOCK



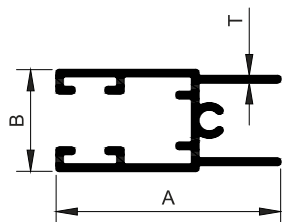
PROFILE NO	A	B	T	WEIGHT/12'	G
SH -4265	39	22	1.00	1.150 - 1.250	M
SH -4266	39	22	1.21	1.250 - 1.350	H
SH -4267	39	22	1.41	1.350 - 1.450	H

20 MM RUNNER



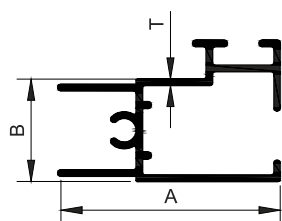
PROFILE NO	A	B	T	WEIGHT/12'	G
SH -4275	41	20	1.07	1.200 - 1.300	H
SH -4276	41	20	1.16	1.300 - 1.400	H

12 MM SHUTTER PLAIN



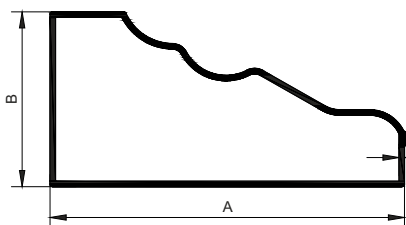
PROFILE NO	A	B	T	WEIGHT/12'	G
SH -4325	31.6	14.3	0.70	0.750 - 0.800	L
SH -4326	31.6	14.3	0.80	0.800 - 0.900	M

12 MM SHUTTER LOCK



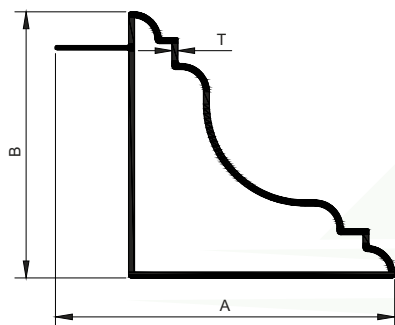
PROFILE NO	A	B	T	WEIGHT/12'	G
SH -4345	31.60	14.30	0.70	0.800 - 0.900	L
SH -4346	31.60	14.30	0.80	0.900 - 1.000	M

SHOW CASE



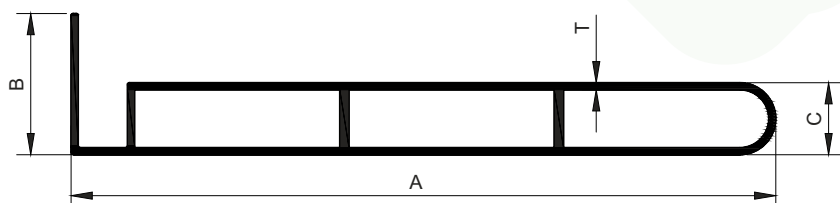
PROFILE NO	A	B	T	WEIGHT/12'	G
SH -4725	66	32.5	0.63	1.100 - 1.200	XL
SH -4726	66	32.5	0.71	1.200 - 1.300	L
SH -4727	66	32.5	0.76	1.300 - 1.400	M
SH -4728	66	32.5	0.82	1.400 - 1.500	M

SHOW CASE HEAD



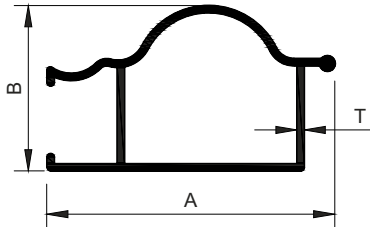
PROFILE NO	A	B	T	WEIGHT/12'	G
SH -4755	60.2	47.2	0.90	1.000 - 1.200	M
SH -4756	60.2	47.2	0.90	1.200 - 1.400	H

DRAWER SECTION



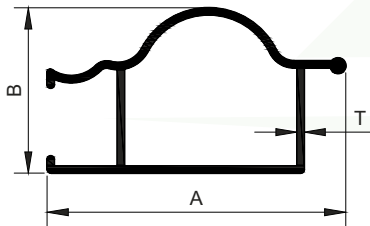
PROFILE NO	A	B	T	WEIGHT/12'	G
SH -5001	100	20	0.65	1.600 - 1.700	L
SH -5002	100	20	0.75	1.700 - 1.800	M
SH -5003	100	20	0.85	1.800 - 2.000	H

3 MM KITCHEN FRAME



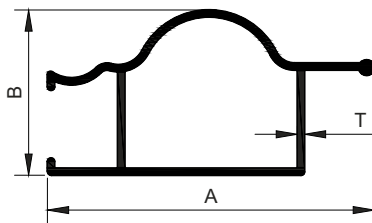
PROFILE NO	A	B	T	WEIGHT/12'	G
SH -5115	39.9	23	0.76	0.750 - 0.850	L
SH -5116	39.9	23	0.86	0.850 - 0.950	M
SH -5117	39.9	23	0.91	0.950 - 1.050	H

6 MM KITCHEN FRAME



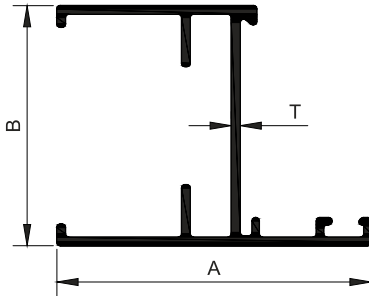
PROFILE NO	A	B	T	WEIGHT/12'	G
SH -5145	41.9	23.0	0.60	0.700 - 0.800	XL
SH -5146	41.9	23.0	0.66	0.800 - 0.900	L
SH -5147	41.9	23.0	0.74	0.900 - 1.000	M
SH -5148	41.9	23.0	0.84	1.000 - 1.100	H

10 MM KITCHEN FRAME



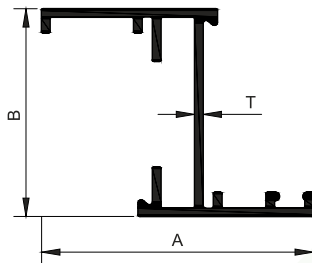
PROFILE NO	A	B	T	WEIGHT/12'	G
SH -5155	46.5	23.4	0.68	0.750 - 0.800	XL
SH -5156	46.5	23.4	0.81	0.800 - 0.900	L
SH -5157	46.5	23.4	0.88	0.900 - 1.050	M

Z - FRAME



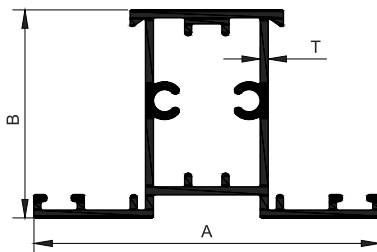
PROFILE NO	A	B	T	WEIGHT/12'	G
SH -5715	44	34	1.36	1.700 - 1.800	H
SH -5716	44	34	1.60	1.800 - 1.900	H

Z - SHUTTER



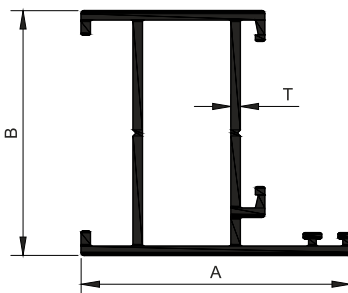
PROFILE NO	A	B	T	WEIGHT/12'	G
SH -5725	44	34	1.30	1.500 - 1.700	H
SH -5726	44	34	1.50	1.700 - 1.900	H

MULLION SECTION



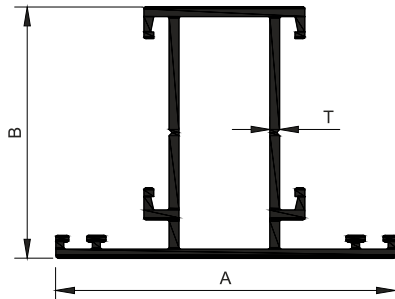
PROFILE NO	A	B	T	WEIGHT/12'	G
SH -5825	57	34	1.40	2.500 - 2.700	H
SH -5826	57	34	1.50	2.700 - 2.800	H

Z - HOLLOW



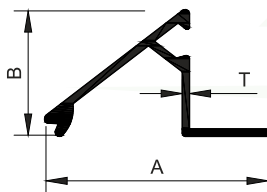
PROFILE NO	A	B	T	WEIGHT/12'	G
SH -5735	44	40	1.50	2.400 - 2.600	H

Z - MULLION



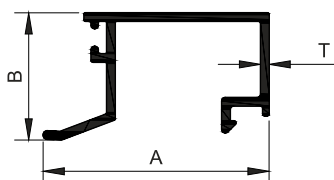
PROFILE NO	A	B	T	WEIGHT/12'	G
SH -5815	54	40	1.50	2.400 - 2.600	H

MULLION CLIP



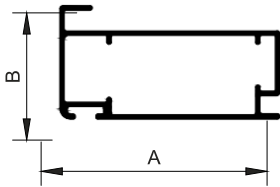
PROFILE NO	A	B	T	WEIGHT/12'	G
SH -5835	31.5	17.4	0.78	0.500 - 0.600	M
SH -5836	31.5	17.4	0.95	0.600 - 0.700	H

Z - CLIP



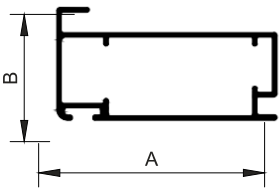
PROFILE NO	A	B	T	WEIGHT/12'	G
SH -5745	32.5	18.5	1.10	0.800 - 0.900	H

GULF KITCHEN SQUARE



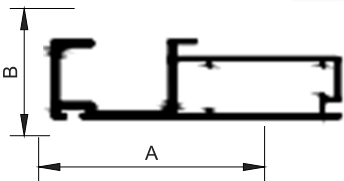
PROFILE NO	A	B	T	WEIGHT/12'	G
SH -6001	42	21.5	0.58	0.800 - 0.900	L
SH -6002	42	21.5	0.63	0.900 - 1.000	M
SH -6003	42	21.5	0.71	1.000 - 1.100	H
SH -6004	42	21.5	0.85	1.100 - 1.200	H

GULF KITCHEN SQUARE



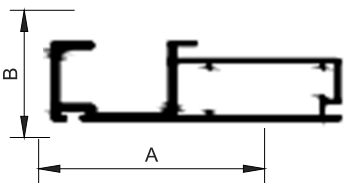
PROFILE NO	A	B	T	WEIGHT/12'	G
SH -6101	40	19	0.58	0.800 - 0.900	L
SH -6102	40	19	0.63	0.900 - 1.000	M
SH -6103	40	19	0.71	1.000 - 1.100	H
SH -6104	40	19	0.85	1.100 - 1.200	H

KITCHEN SQUARE HANDLE



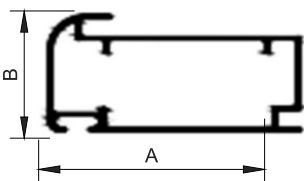
PROFILE NO	A	B	T	WEIGHT/12'	G
SH -6015	72	21.5		1.500 - 1.600	M
SH -6016	72	21.5		1.600 - 1.700	H
SH -6017	72	21.5		1.700 - 1.900	H

KITCHEN SQUARE HANDLE



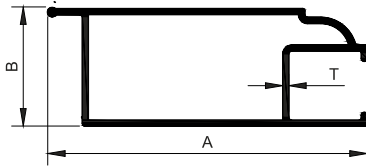
PROFILE NO	A	B	T	WEIGHT/12'	G
SH - 6025	70	19		1.600 - 1.700	M
SH - 6026	70	19		1.700 - 1.900	H

GULF KITCHEN OVAL



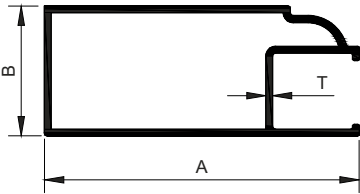
PROFILE NO	A	B	T	WEIGHT/12'	G
SH - 6040	42	21.5	0.60	0.900 - 1.000	L
SH - 6041	42	21.5	0.68	1.000 - 1.100	M

20 MM WINDOW PLAIN WITH LIP



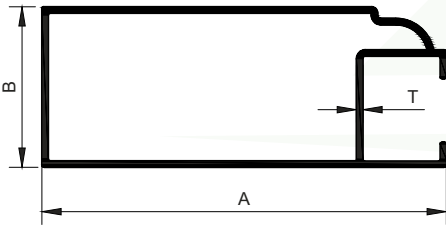
PROFILE NO	A	B	T	WEIGHT/12'	G
SH -7001	55	20	0.60	0.900 - 1.000	L
SH -7002	55	20	0.70	1.000 - 1.100	M
SH -7003	55	20	0.80	1.100 - 1.200	H

20 MM WINDOW PLAIN WITHOUT LIP



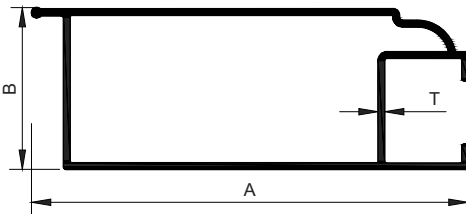
PROFILE NO	A	B	T	WEIGHT/12'	G
SH -7401	50	20	0.70	0.900 - 1.000	L
SH -7402	50	20	0.80	1.000 - 1.100	M
SH -7403	50	20	0.90	1.100 - 1.200	H

63 MM WINDOW PLAIN WITHOUT LIP



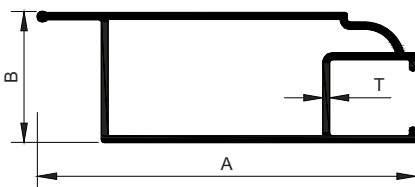
PROFILE NO	A	B	T	WEIGHT/12'	G
SH -7421	63	25.5	0.80	1.200 - 1.300	L
SH -7422	63	25.5	0.84	1.250 - 1.450	M

63 MM WINDOW PLAIN WITH LIP



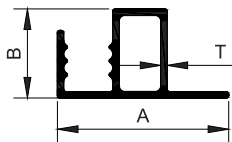
PROFILE NO	A	B	T	WEIGHT/12'	G
SH -7101	68	25.5	0.80	1.250 - 1.350	L
SH -7102	68	25.5	0.84	1.350 - 1.500	M

20 MM WINDOW PLAIN WITH 10 MM LIP



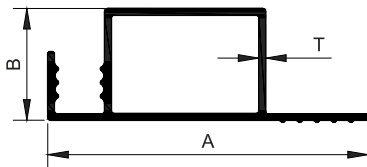
PROFILE NO	A	B	T	WEIGHT/12'	G
SH -7015	59	20	0.60	0.900 - 1.000	L
SH -7016	59	20	0.69	1.000 - 1.100	M

MOSQUITO SMALL



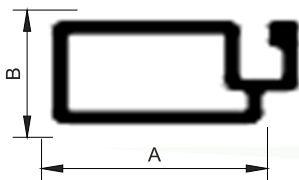
PROFILE NO	A	B	T	WEIGHT/12'	G
SH -7525	25	13	0.90	0.520 - 0.600	L
SH -7526	25	13	1.00	0.600 - 0.700	M
SH -7527	25	13	1.08	0.700 - 0.800	M

MOSQUITO BIG



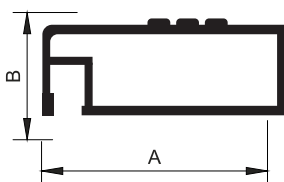
PROFILE NO	A	B	T	WEIGHT/12'	G
SH -7625	46.6	16.3	0.94	0.900 - 1.000	L
SH -7626	46.6	16.3	0.98	1.000 - 1.200	M

FLY SCREEN



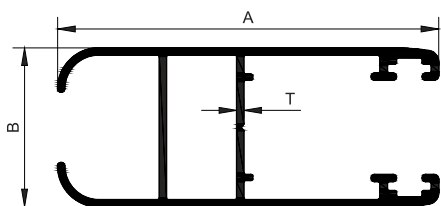
PROFILE NO	A	B	T	WEIGHT/12'	G
SH - 7640	21.2	9.7	0.80	0.400 - 0.500	L
SH - 7641	21.2	9.7	0.90	0.500 - 0.600	M

FLY SCREEN



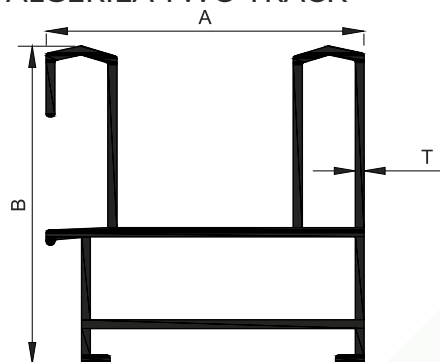
PROFILE NO	A	B	T	WEIGHT/12'	G
SH - 7645	25	9.7	0.85	0.600 - 0.700	M

ALGERIEA SHUTTER



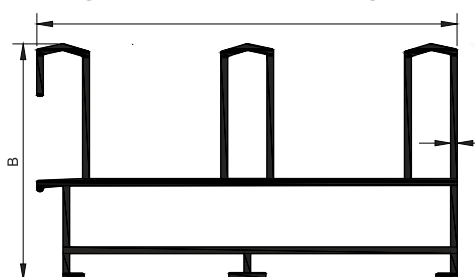
PROFILE NO	A	B	T	WEIGHT/12'	G
SH -9125	65	27	1.20	2.200 - 2.400	H

ALGERIEA TWO TRACK



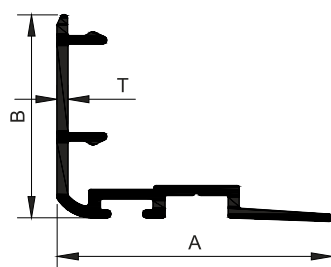
PROFILE NO	A	B	T	WEIGHT/12'	G
SH -9135	45	45	1.20	2.200 - 2.400	H

ALGERIEA THREE TRACK



PROFILE NO	A	B	T	WEIGHT/12'	G
SH -9145	80	45	1.2	3.700 - 3.900	H

ALGERIEA CLIP



PROFILE NO	A	B	T	WEIGHT/12'	G
SH -9150	39	28.5	1.50	1.050 - 1.150	H