



**HYPER**  
ALUMINIUM



**MANUFACTURERS OF ALUMINIUM PROFILES  
(ARCHITECTURAL & INDUSTRIAL)**

A PRODUCT OF HYPERWARE GROUP

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## ABOUT US

"Welcome to Hyper Aluminium, where precision meets innovation in aluminum extrusions. Situated in Uttar Pradesh, India our company boasts a rich legacy of expertise and knowledge in this field. With a dedicated team of seasoned professionals and state-of-the-art facilities, we specialize in crafting superior-quality aluminum extrusions that cater to a wide range of industries and applications.

At Hyper Aluminium, we take pride in our commitment to excellence, ensuring that every Hyper Aluminium product delivers unmatched durability, precision, and performance. From customized designs to standard profiles, we offer comprehensive solutions tailored to meet the unique needs of our clients. Trust Hyper Aluminium for your aluminum extrusion needs, where quality craftsmanship and industry-leading expertise converge."

## ABOUT ALUMINIUM

**Shape :** All dimensions are expressed in millimetres (mm). Full dimensioned die drawings are available at any one of our sales office which can provide complete details of any section required.

**Weight :** All profile weights are expressed in kilograms per 12 feet (kg/12'), kilograms per 15 feet (kg/15').

**Properties of Aluminium :** Aluminium has a unique and unbeatable combination of properties that makes a versatile, highly usable and an attractive construction material.

**Weight :** Aluminium is a Light Weight Material.

**Strength :** Strong with a tensile strength between 70 and 700 MPa, depending on the alloy and manufacturing process. Extrusions of the right alloy and design can be as strong as structural steel.

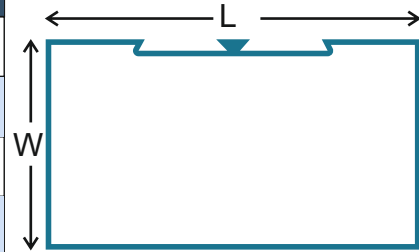
**Elasticity :** The Young's modulus for aluminium is a third that of steel. This means that the moment of inertia has to be three times as great for an aluminium extrusion to achieve the same deflection as a steel profile.

**Conductivity :** The thermal and electrical conductivities are excellent, even when compared with copper. Furthermore, an aluminium conductor has only half the weight of an equivalent copper conductor.

**Thermal Conductivity :** Aluminium thermal conductivity is half that of the equivalent 3 sized copper element 33 (8900 kg/m), but has a density (2700 ( kg/m ) of less than a third of that of the copper element. The equivalent al-uminium element therefore comes at less than half the price and is much easier to handle because of the light weight.

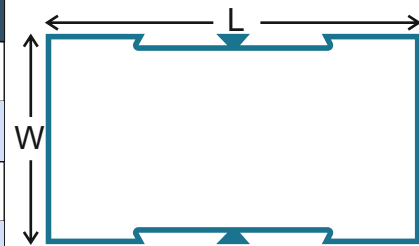
## Single Partition (SP)

Section No.	Size in mm		Wt. Range /12' (Kgs)	Wt. Range /15' (Kgs)	Wt. Range /16' (Kgs)
	L	W			
100/1	63.5	38.1	1.65-1.85	2.05-2.25	2.2-2.4
100/2	63.5	38.1	1.8-2.00	2.25-2.45	2.4-2.6
100/3	63.5	38.1	1.95-2.15	2.45-2.65	2.85-3.050
100/4	63.5	38.1	2.3-2.5	3.15-3.35	3.6-3.8
100/5	63.5	38.1	2.85-3.050	3.55-3.75	3.8-4.0



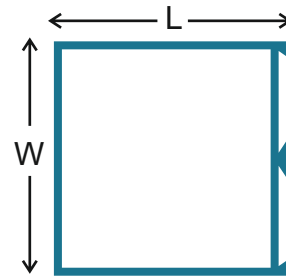
## Double Partition (DP)

Section No.	Size in mm		Wt. Range /12' (Kgs)	Wt. Range /15' (Kgs)	Wt. Range /16' (Kgs)
	L	W			
101/1	63.5	38.1	1.65-1.85	2.05-2.25	2.2-2.4
101/2	63.5	38.1	1.85-2.050	2.23-2.5	2.45-2.65
101/3	63.5	38.1	2.050-2.250	2.55-2.75	2.75-2.95
101/4	63.5	38.1	2.250-2.450	2.8-3.0	3.0-3.2
101/5	63.5	38.1	2.450-2.650	3.0-3.25	3.25-3.45



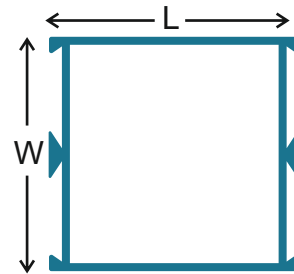
## Door Middle Single (DMS)

Section No.	Size in mm		Wt. Range /12' (Kgs)	Wt. Range /15' (Kgs)	Wt. Range /16' (Kgs)
	L	W			
102/1	47	44	1.55-1.75	1.95-2.150	2.100-2.300
102/2	47	44	1.700-1.900	2.150-2.350	2.300-2.500
102/3	47	44	1.900-2.100	2.350-2.550	2.500-2.700
102/4	47	44	2.050-2.250	2.550-2.750	2.700-2.900
102/5	47	44	2.200-2.400	2.750-2.950	2.900-3.100
102/6	85	44	2.350-2.550	2.950-3.150	3.100-3.300
102/7	85	44	2.500-2.700	3.150-3.350	3.300-3.500



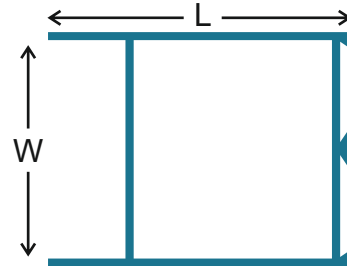
## Door Middle Double (DMD)

Section No.	Size in mm		Wt. Range /12' (Kgs)	Wt. Range /15' (Kgs)	Wt. Range /16' (Kgs)
	L	W			
103/1	47	44	1.55-1.750	1.95-2.150	2.100-2.300
103/2	47	44	1.75-1.95	2.150-2.350	2.300-2.500
103/3	47	44	1.95-2.150	2.350-2.550	2.500-2.700
103/4	47	44	2.150-2.350	2.550-2.750	2.700-2.900
103/5	47	44	2.350-2.550	2.750-2.950	2.900-3.100
103/6	85	44	2.550-2.750	2.950-3.150	3.100-3.300
103/7	85	44	2.750-2.950	3.150-3.350	3.300-3.500



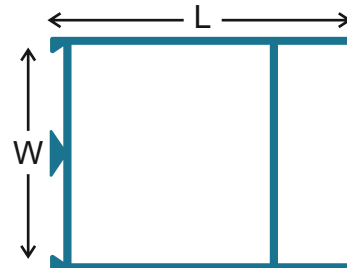
### Door Top

Section No.	Size in mm		Wt. Range /12' (Kgs)	Wt. Range /15' (Kgs)	Wt. Range /16' (Kgs)
	L	W			
104/1	47	44	1.75-1.95	2.2-2.4	2.35-2.55
104/2	47	44	1.95-2.150	2.4-2.6	2.6-2.8
104/3	47	44	2.150-2.350	2.6-2.8	2.8-3.0
104/4	47	44	2.350-2.550	2.8-3.0	3.0-3.2
104/5	47	44	2.550-2.750	3.0-3.2	3.2-3.4



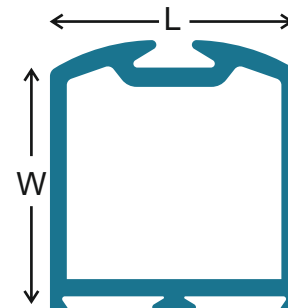
### Door Bottom

Section No.	Size in mm		Wt. Range /12' (Kgs)	Wt. Range /15' (Kgs)	Wt. Range /16' (Kgs)
	L	W			
105/1	114	44	3.600-4.000	4.5-4.9	4.8-5.33
105/2	114	44	4.100-4.500	5.12-5.62	5.46-6.00
105/3	114	44	4.600-5.000	5.7-6.24	6.13-6.6
105/4	114	44	5.100-5.500	6.37-6.87	6.8-7.3
105/5	83	44	3.450-3.650	4.3-4.5	4.6-4.8
105/6	83	44	3.650-3.850	4.55-4.75	4.85-5.05



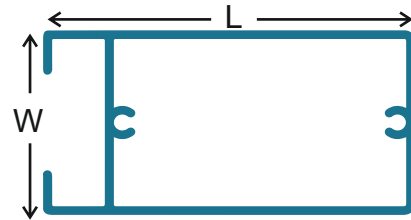
### Door Vertical

Section No.	Size in mm		Wt. Range /12' (Kgs)	Wt. Range /15' (Kgs)	Wt. Range /16' (Kgs)
	L	W			
106/1	47	44	1.75-1.95	2.2-2.4	2.35-2.55
106/2	47	44	1.95-2.150	2.4-2.6	2.6-2.8
106/3	47	44	2.150-2.350	2.6-2.8	2.8-3.0
106/4	47	44	2.350-2.550	2.8-3.0	3.0-3.2
106/5	47	44	2.550-2.750	3.0-3.2	3.2-3.4
106/6	85	44	3.600-4.000		
106/7	85	44	4.100-4.500		



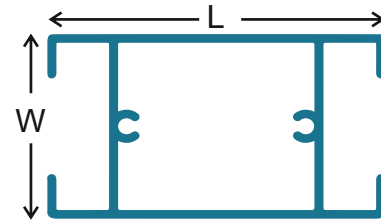
## 2x1 Handle

Section No.	Size in mm		Wt. Range /12' (Kgs)	Wt. Range /15' (Kgs)	Wt. Range /16' (Kgs)
	L	W			
108/1	50	25	1.2-1.4	1.5-1.7	1.6-1.8
108/2	50	25	1.4-1.6	1.75-1.95	1.9-2.1
108/3	50	25	1.6-1.8	2.0-2.2	2.15-2.35
108/4	50	25	1.8-2.0	2.25-2.45	2.4-2.6



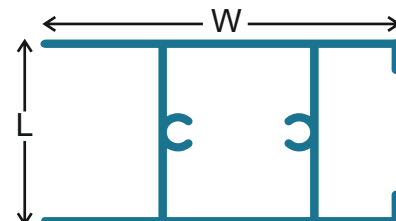
## 2x1 Middle

Section No.	Size in mm		Wt. Range /12' (Kgs)	Wt. Range /15' (Kgs)	Wt. Range /16' (Kgs)
	L	W			
110/1	50	25	1.2-1.4	1.5-1.7	1.6-1.8
110/2	50	25	1.4-1.6	1.75-1.95	1.9-2.1
110/3	50	25	1.6-1.8	2.0-2.2	2.15-2.35
110/4	50	25	1.8-2.0	2.25-2.45	2.4-2.6



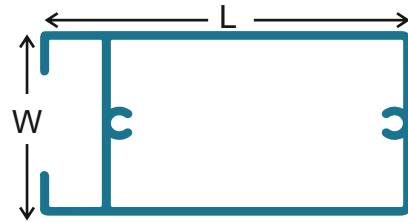
## 2x1 Top Bottom

Section No.	Size in mm		Wt. Range /12' (Kgs)	Wt. Range /15' (Kgs)	Wt. Range /16' (Kgs)
	L	W			
108/1	50	25	1.2-1.4	1.5-1.7	1.6-1.8
108/2	50	25	1.4-1.6	1.75-1.95	1.9-2.1
108/3	50	25	1.6-1.8	2.0-2.2	2.15-2.35
108/4	50	25	1.8-2.0	2.25-2.45	2.4-2.6



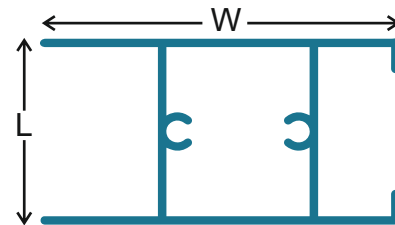
### 45x25 Handle

Section No.	Size in mm		Wt. Range /12' (Kgs)	Wt. Range /15' (Kgs)	Wt. Range /16' (Kgs)
	L	W			
113/1	45	25	1.250-1.450	1.550-1.750	1.700-1.900
113/2	45	25	1.450-1.650	1.800-2.000	1.900-2.100
113/3	45	25	1.650-1.850	2.050-2.250	2.200-2.400



### 45x25 Top Bottom

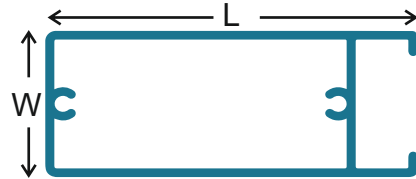
Section No.	Size in mm		Wt. Range /12' (Kgs)	Wt. Range /15' (Kgs)	Wt. Range /16' (Kgs)
	L	W			
112/1	45	25	1.250-1.450	1.550-1.750	1.700-1.900
112/2	45	25	1.450-1.650	1.800-2.000	1.900-2.100
112/3	45	25	1.650-1.850	2.050-2.250	2.200-2.400





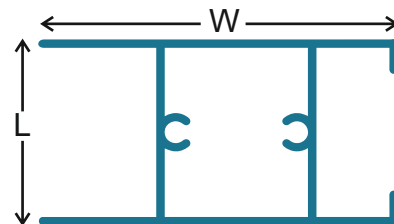
### 3/4" Handle

Section No.	Size in mm		Wt. Range /12' (Kgs)	Wt. Range /15' (Kgs)	Wt. Range /16' (Kgs)
	L	W			
107/1	40	18	0.800-1.000	1.0-1.200	1.1-1.3
107/2	40	18	1.000-1.200	1.25-1.45	1.3-1.5
107/3	40	18	1.200-1.400	1.45-1.65	1.55-1.75
107/4	40	18	1.400-1.600	1.75-1.95	1.85-2.05
107/5	40	18	1.600-1.800	2.0-2.2	2.15-2.35



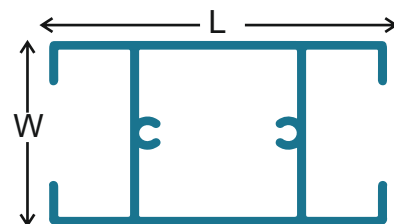
### 3/4" Top Bottom

Section No.	Size in mm		Wt. Range /12' (Kgs)	Wt. Range /15' (Kgs)	Wt. Range /16' (Kgs)
	L	W			
109/1	40	18	0.8-1.0	1.0-1.2	1.05-1.25
109/2	40	18	1.0-1.2	1.25-1.45	1.3-1.5
109/3	40	18	1.2-1.4	1.5-1.7	1.6-1.8
109/4	40	18	1.4-1.6	1.75-1.95	1.85-2.05
109/5	40	18	1.6-1.8	2.0-2.2	2.1-2.3



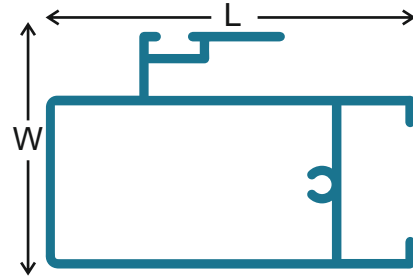
### 3/4" Middle

Section No.	Size in mm		Wt. Range /12' (Kgs)	Wt. Range /15' (Kgs)	Wt. Range /16' (Kgs)
	L	W			
117/1	40	18	0.800-1.000	1.0-1.2	1.05-1.25
117/2	40	18	1.000-1.200	1.25-1.45	1.3-1.5
117/3	40	18	1.200-1.400	1.5-1.7	1.6-1.8
117/4	40	18	1.400-1.600	1.75-1.95	1.85-2.05
117/5	40	18	1.600-1.800	2.0-2.2	2.1-2.3



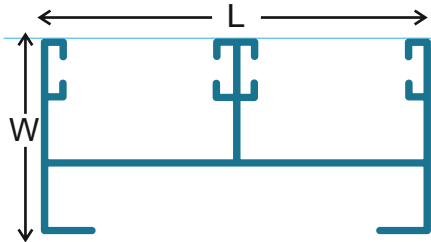
### 3/4" Interlock

Section No.	Size in mm		Wt. Range /12' (Kgs)	Wt. Range /15' (Kgs)	Wt. Range /16' (Kgs)
	L	W			
115/1	40	18	1.100-1.300	1.4-1.6	1.45-1.65
115/2	40	18	1.300-1.500	1.6-1.8	1.70-1.90
115/3	40	18	1.500-1.700	1.8-2.0	2.0-2.2
115/4	40	18	1.700-1.900	2.0-2.2	2.2-2.4
115/5	40	18	1.900-2.100	2.2-2.4	2.4-2.6



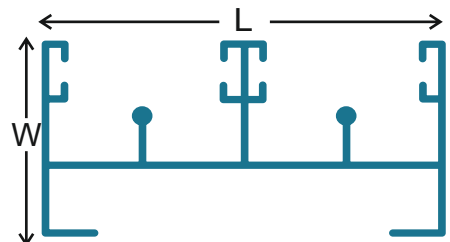
### 3/4" Two Track Top

Section No.	Size in mm		Wt. Range /12' (Kgs)	Wt. Range /15' (Kgs)	Wt. Range /16' (Kgs)
	L	W			
124/1	61.85	31.75	1.500-1.700	1.85-2.05	2.0-2.2
124/2	61.85	31.75	1.700-1.900	2.1-2.3	2.2-2.4
124/3	61.85	31.75	1.900-2.100	2.3-2.5	2.45-2.65
124/4	61.85	31.75	2.100-2.300	2.5-2.8	2.8-3.0
124/5	61.85	31.75	2.300-2.500	2.9-3.1	3.1-3.3



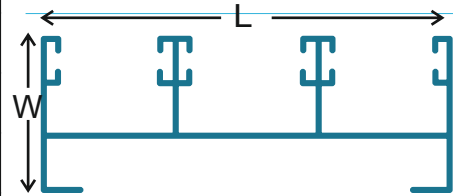
### 3/4" Two Track Bottom

Section No.	Size in mm		Wt. Range /12' (Kgs)	Wt. Range /15' (Kgs)	Wt. Range /16' (Kgs)
	L	W			
125/1	61.85	31.75	1.500-1.700	1.9-2.1	2.1-2.3
125/2	61.85	31.75	1.700-1.900	2.1-2.3	2.25-2.45
125/3	61.85	31.75	1.900-2.100	2.4-2.6	2.5-2.7
125/4	61.85	31.75	2.100-2.300	2.6-2.8	2.8-3.0
125/5	61.85	31.75	2.300-2.400	2.9-3.1	3.1-3.3
125/6	61.85	31.75	2.400-2.600	3.0-3.2	3.2-3.4



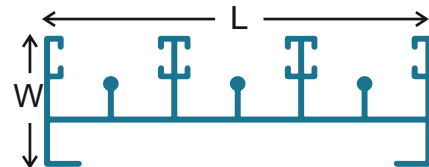
### 3/4" 3 Track Top

Section No.	Size in mm		Wt. Range /12' (Kgs)	Wt. Range /15' (Kgs)	Wt. Range /16' (Kgs)
	L	W			
126/1	92	31.75	1.900-2.100	2.4-2.6	2.6-2.8
126/2	92	31.75	2.100-2.300	2.6-2.8	2.8-3.0
126/3	92	31.75	2.300-2.500	2.9-3.1	3.1-3.3
126/4	92	31.75	2.500-2.700	3.1-3.3	3.3-3.5
126/5	92	31.75	2.700-2.900	3.4-3.6	3.6-3.8



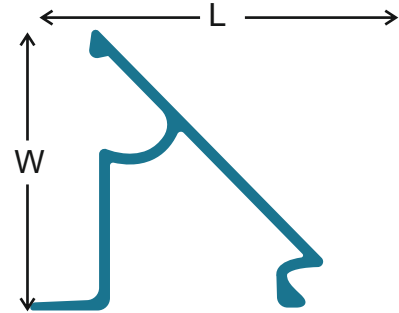
### 3/4" 3 Track Bottom

Section No.	Size in mm		Wt. Range /12' (Kgs)	Wt. Range /15' (Kgs)	Wt. Range /16' (Kgs)
	L	W			
127/1	92	31.75	2.200-2.400	2.8-3.0	3.0-3.2
127/2	92	31.75	2.400-2.600	3.0-3.2	3.2-3.4
127/3	92	31.75	2.600-2.800	3.25-3.45	3.45-3.65
127/4	92	31.75	2.800-3.000	3.5-3.7	3.7-3.9
127/5	92	31.75	3.000-3.200	3.75-3.95	4.0-4.2



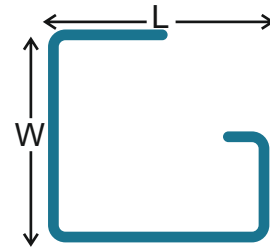
## Glazing Clip

Section No.	Size in mm		Wt. Range /12' (Kgs)	Wt. Range /15' (Kgs)	Wt. Range /16' (Kgs)
	L	W			
118/1	19.2	17.2	0.180-0.200	0.230-0.25	0.250-0.27
118/2	19.2	17.2	0.200-0.220	0.25-0.27	0.27-0.29
118/3	19.2	17.2	0.220-0.240	0.27-0.295	0.295-0.315



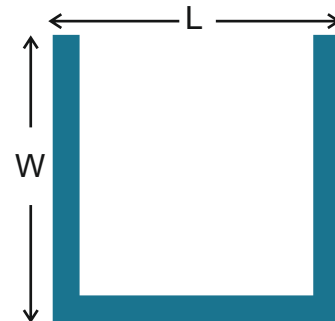
## G Channel (Door Gear)

Section No.	Size in mm		Wt. Range /12' (Kgs)	Wt. Range /15' (Kgs)	Wt. Range /16' (Kgs)
	L	W			
123/1	38	38	1.5-1.7	1.9-2.1	2.05-2.25
123/2	38	38	1.7-1.9	2.1-2.3	2.25-2.45



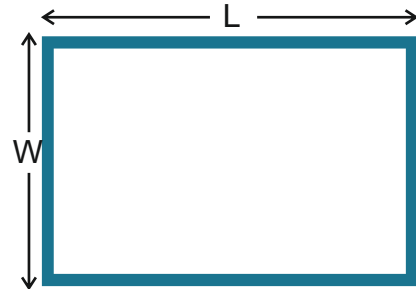
## U Channel

Section No.	Size in mm		Wt. Range /12' (Kgs)	Wt. Range /15' (Kgs)	Wt. Range /16' (Kgs)
	L	W			
114/1	9	9	0.150-0.170	0.190-0.210	0.200-0.220
114/2	9	9	0.170-0.190	0.210-0.230	0.230-0.250
114/3	9	9	0.190-0.210	0.240-0.260	0.250-0.270
114/4	12	12	0.250-0.270	0.310-0.330	0.330-0.350
114/5	12	12	0.270-0.290	0.340-0.360	0.360-0.380
114/6	12	12	0.290-0.310	0.360-0.380	0.390-0.410



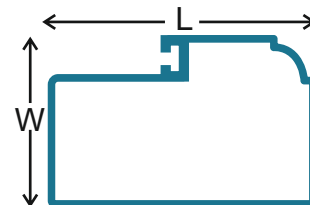
## Rectangular Tube

Section No.	Size in mm		Wt. Range /12' (Kgs)	Wt. Range /15' (Kgs)	Wt. Range /16' (Kgs)
	L	W			
119/1	38	25	0.550-0.750	0.700-0.900	0.750-0.950
119/2	38	25	0.750-0.950	0.950-1.150	1.000-1.200
119/3	38	25	0.950-1.150	1.100-1.300	1.250-1.450
119/4	38	25	1.150-1.350	1.450-1.650	1.550-1.750
119/5	50	25	1.200-1.400	1.500-1.700	1.600-1.800
119/6	50	25	1.400-1.600	1.750-1.950	1.850-2.050
119/7	50	25	1.600-1.800	2.000-2.200	2.100-2.300
119/8	50	25	1.800-2.000	2.250-2.450	2.400-2.600
119/9	63	38	1.200-1.400	1.500-1.700	1.600-1.800
119/10	63	38	1.400-1.600	1.750-1.950	1.850-2.050
119/11	63	38	1.600-1.800	2.000-2.200	2.100-2.300
119/12	63	38	1.800-2.000	2.250-2.450	2.400-2.600
119/13	63	38	2.000-2.200	2.500-2.700	2.650-2.850
119/14	63	38	2.200-2.400	2.750-2.950	2.900-3.100
119/15	100	25	1.600-1.800	2.000-2.200	2.100-2.300
119/16	100	25	1.800-2.000	2.250-2.450	2.400-2.600
119/17	100	25	2.000-2.200	2.500-2.700	2.650-2.850
119/18	100	25	2.200-2.400	2.750-2.950	2.900-3.100
119/19	100	25	2.400-2.600	3.000-3.200	3.200-3.400



## 2.5x1.5 Moulding Pipe (MLP)

Section No.	Size in mm		Wt. Range /12' (Kgs)	Wt. Range /15' (Kgs)	Wt. Range /16' (Kgs)
	L	W			
128/1	63.5	40	1.840-2.040	2.3-2.5	2.45-2.65



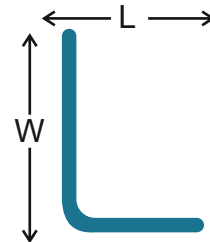
## Double Glass Channel (DGC)

Section No.	Size in mm		Wt. Range /12' (Kgs)	Wt. Range /15' (Kgs)	Wt. Range /16' (Kgs)
	L	W			
120/1	19	12	0.300-0.400	0.4-0.5	0.4-0.53
120/2	25	12	0.360-0.460	0.45-0.55	0.48-0.58
120/3	25	12	0.460-0.560	0.575-0.675	0.615-0.715
120/4	25	12	0.560-0.660	0.7-0.8	0.75-0.85
120/5	25	12	0.660-0.760	0.825-0.925	0.88-0.98
120/6	22	12	0.760-0.860	0.95-1.075	1.013-1.146
120/7	22	12	0.550-0.650	0.687-0.812	0.733-0.866



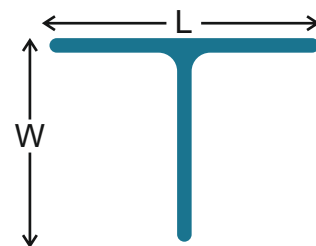
## Unequal Angel

Section No.	Size in mm		Wt. Range /12' (Kgs)	Wt. Range /15' (Kgs)	Wt. Range /16' (Kgs)
	L	W			
121/1	38.1	25	1.1-1.3	1.3-1.6	1.46-1.73
121/2	38.1	25	1.3-1.5	1.6-1.8	1.73-2.0



## Tee

Section No.	Size in mm		Wt. Range /12' (Kgs)	Wt. Range /15' (Kgs)	Wt. Range /16' (Kgs)
	L	W			
122/1	19	19	0.300-0.500	0.375-0.625	0.4-0.667
122/2	25	25	0.350-0.55	0.437-0.687	0.466-0.733





"Any Type Of Customise Shape, Size, Length, Weight Range (Industrial & Commercial) Section Can Be Manufactured According To The Customer Demand.  
Please Contact Us For More Information."

**Note :** \_\_\_\_\_  
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# HYPER

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## HYPERWARE GROUP

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: 330, Rahuniya, Ganchha Road Banda UP 210001  
: 1503, Para Near Seth Jaipuria School, Lucknow UP 226017  
: +91 7355781091 | +91 8433836474