



» ABOUT US

FALCON is widely popular in Bangladesh for the best grade MS, GI, EM, SS & Aluminium profiles. A dream of Retd. Major General Amjad Khan Chowdhury to make Bangladesh stronger by its own capacity lead RFL Group to a new horizon. In 1981 with a vision to leveraging the farmer in irrigation as well as ensuring to contribute to the development of mankind through endless innovation and development in technology, RFL started its journey. As the leading largest steel pipe manufacturer, RFL Group is devoted to ensure every solution from giant pipe to wire. Based on the vision of globalization, FALCON is ensuring high quality grade sheet and high-end engineering concepts to shape the dream into reality. We believe in this culture of innovation by putting research and development at the heart of our operations. The country's brightest engineers are endlessly solving the most complex piping requirements.



With more than 4,500 employees we are a community that is driven by an entrepreneurial spirit and passion for excellence. We're committed to ensure low carbon emission, and a greener world for tomorrow.

Our Goal - To build a better world with smarter steel pipes and Aluminium profiles.

Our Promise - To become one of the reliable metal pipe industries around the world by providing better quality and perfect performance.

» INTRODUCTION

- Factory is situated at Olipur, Shayestaganj, Habiganj on the Dhaka-Sylhet highway.
- Factory is around 2.4 lac sq ft. combining MS, GI, SS and Aluminium profile. Here situated the largest MS & GI plant of Bangladesh.
- The factory consists of 16 mills - 4 for MS pipe, 4 for SS pipe, 4 for furniture tube, 2 for Aluminium profile 1 for hollow box and 1 for bike tube production.
- Using all modern technology and automated machine.
- First time in Bangladesh fully automated GI mill.
- The factory has its own power generation system.
- It also has ultra-modern lab facilities and 24/7 active fire service convenience.

» FEATURES

- Japanese Industrial Standards (JIS) maintained for raw materials sourcing.
- First time in Bangladesh fully Automated GI mill, that's why never found any leakage.
- Accurate thickness & length (BDS 1031:2006 & ISO 9001:2015 – MS & GI Pipe)
- High pressure resistance, durability and longevity.
- Best quality product ever in Bangladesh due to full automation.
- BUET, ISO and BSTI certified.
- Superior bendability, ease of cutting and threading.
- Superior finish and proper weight.
- Anti-rust coating to GI pipe.

» USES

- | | |
|------------------------------|--|
| • Industries. | • Water and Sewage. |
| • Boring. | • Structural purpose. |
| • Oil and Gas Transmissions. | • Commercial and Residential building. |

» QUALITY POLICY

Consistent with the corporate objective, we are committed to producing value for all of our stakeholders by continuously enhancing the efficacy of our quality system and processes through innovations and the involvement of all of our workers.

We will continue to strive for excellence in all aspects of our operations in order to improve the quality of life in the communities we serve. Our goals will be as follows:

- Produce and deliver products that meet or exceed the expectations of the client while adhering to national or international standards.
- Improve employees' knowledge and abilities in order to effectively execute a quality management system (QMS).

» OUR TESTING FACILITIES



» MS & GI LABORATORY ARRANGEMENT

- Hydraulic Universal Testing Machine
- Chemical Composition Test
- Hydrostatic Pressure Test
- Bend Test
- Flattening Test

» HYDRAULIC UNIVERSAL TESTING MACHINE

This machine is mainly used for the tensile test of metal materials and components, testing Tensile Strength, Yield Strength, Stipulated Plastic Extension Strength, Elasticity Modulus, Percentage Elongation after fracture and other mechanical performance indices.

To ensure the quality of pipes for which they will be used, this machine determines the percentage of elongation, maximum sustainable load, yield load, tensile stress, break point, and so on of MS & GI pipes.



Universal Testing Machine

» CHEMICAL COMPOSITION TEST

We use Spectrometer for the following chemical composition tests:

- Carbon
- Sulphur
- Phosphorous
- Manganese
- Silicon
- Hydrostatic Pressure Test



Spectrometer

» HYDROSTATIC PRESSURE TEST

Hydrostatic pressure test is a test in which the pipe or other component is pressurized to evaluate its integrity. This test is used to evaluate the structural integrity and determining the sustainability of MS & GI pipes at standard pressure specified. This test reduces the risk of crack growth and brittle fracture after the hydro test when the pipe is placed in service.



Hydrostatic Pressure Test Machine

» BENDING TEST

Non-galvanized pipes should be capable of bending without cracking through 180° roundness.

Galvanized pipes should be capable of bending without cracking through 90° roundness



Bending Testing Machine

» FLATTENING TEST

No opening shall occur by fracture in a weld until the distance between the plates is less than 75% of original outside diameter of the pipe. No cracks or breaks in the metal elsewhere than in a weld shall occur until the distance between the plates is less than 60% of the outside diameter.



Universal Testing Machine

OUR CREDENTIALS

It is our pleasure that we have got several recognitions from both local and international organization as the best business enterprise through sustainable growth.



Dear Concern,

We are the leading manufacturer and supplier of Steel sheet, coil, H-beam, wire rod, crc and galvanized since 2003, our customer have been covered all of Asia market, Africa market, South America, Middle East, Oceania market and exported 22 countries in the global world such as Japan, Korea, Thailand, Vietnam, Myanmar, Bangladesh, Pakistan, United Arab Emirates, Australia, Malaysia, Philippines and so on. We have won best reputation from our customer domestic and abroad.

Rizhao Steel located at Lanshan District, Rizhao City. It has become an integrated enterprise group with a combination of sintering, pellet, iron-making, steel-making, rolling, oxygen-making, power generating, and well-equipped facilities. Rizhao Steel owns the first ESP production line in China. Which is the first time in the world bulk endless hot rolling of 0.6-2.0mm extra thin plates. Besides the main production.

Through the Performance Excellence Model of internationalization, it perfectly integrates the GB/T19001, GB/T24001 and GB/T28001 into an effective entity. The company also has been awarded the certificates for ISO9000, ISO14000 and ISO18000. The ship building plates are approved by the classification societies of nine countries, including China, America, Britain and Germany. The hot rolled coil has obtained the EU CE certificate and the deformed bar has been certified by Korean KS.

We're in partnership with RANGPUR METAL INDUSTRIES LTD./UNIT -3/P/RAN RFL Group, Bangladesh, since 2016 in HRC product with maintaining SPHT -1 grade and JS G3132 Standard.

-Company's origins : China
-Informative years in the industry : 2003
-The key achievements : Top 500 Chinese Private Enterprises
-The biggest clients etc. : Clients all over the world
-Business with RFL Group, Bangladesh : Since 2016
-The materials (grade, standard etc.) supplied to RFL Group, Bangladesh: SPHT1 grade and JS G3132 Standard

George Wang



To
Md. Shafiq
RFL Group
Bangladesh

Date: 18/04/2021

Sub: A brief about Tata Steel and its business with RFL

Company Origin - Achievements: Tata Steel Group is among the top global steel companies with an annual crude steel capacity of 34 million tonnes per annum. It is one of the world's most geographically diversified steel producers, with operations and commercial presence across the world. The group (excluding SEA operations) recorded a consolidated turnover of US \$19.7 billion in the financial year ending March 31, 2020. A Great Place to Work-Certified™ organization, Tata Steel Ltd., together with its subsidiaries, associates and joint ventures, is spread across five continents with an employee base of over 65,000. Tata Steel Ltd. is also part of ResponsibleSteel™, providing the Company a platform to build on its sustainability credentials and enabling a responsible ecosystem for the steel industry. Tata Steel was recognised as DJSI steel sector leader in 2018 and has ranked fourth in the steel sector in 2019. Besides being a member of Worldsteel's Climate Action Programme, Tata Steel has won several awards and recognitions including the World Economic Forum's Global Lighthouse recognition for its Kalinganagar Plant – a first in India – and the Prime Minister's Trophy for the Best Performing Integrated Steel Plant for 2016-17. The Company, ranked as India's most valuable Metals & Mining brand by Brand Finance, received an 'Honourable Mention' at the National CSR Awards 2019. Steel Sustainability Champion 2019 by Worldsteel, CII Green Star Performer Award 2019, Most Ethical Company award 2021 from Ethisphere Institute, and Best Risk Management Framework & Systems Award (2020) by CNBC TV-18, among several other recognitions.

Segments served by Tata Steel Ltd: Tata Steel Ltd. serves customers from a host of segments which include automotive, construction, consumer goods, engineering, packaging, energy, shipbuilding, railways, lifting & excavation.

Business relation with RFL Group: Tata Steel has been doing business with RFL Group since 2016. **Grades supplied to RFL Group:** Hot Rolled Coils – Grades JS G 3132 SPHT1 & IS 10748 GR 1.

On behalf of Tata Steel

Mr. Auroprakash Rout
(Head of Exports)

TATA STEEL LIMITED
Tata Centre 43 Jawahar Nehru Road Kolkata 700071 India, 91 33 22883400, Registered Office Bombay
House 24 Homi Bhabha Street Fort Mumbai
Corporate ID No. L27100MH1907PLC000289

MITSUI MINING & SMELTING CO., LTD.



09th April, 2021

Dear Concern,

We, Mitsui Mining & Smelting Co., Ltd., incorporated in 1950 in Japan. We are leading in Manufacturing and sale of functional engineered materials and electronic materials, nonferrous metal smelting, minerals resource development, precious metal recycling, raw material related businesses, manufacturing and sale of automotive parts/components, etc. with several merger entities in USA, England, Mexico, Hong Kong, Taiwan, Malaysia, Indonesia, Korea, Vietnam and India. Our customers have been covered all over the world. To know detail about us, please visit to our website: www.mitsui-kinzoku.com.

- Company's origins : Japan
- Informative year in the industry : 1950
- The key achievements : A Global organization with the brand registered in London Metal Exchange.
- Business with RFL Group, BD : Since 2015,
- The grade of materials we supply to RFL : LME Registered Special High Zinc Ingot of 99.995% minimum Purity.

Signed by

NOU Takeishi
President and Representative Director
Mitsui Mining & Smelting Co., Ltd.

ADDRESS: 1-11-1, OSAKI, SHINAGAWA -KU, TOKYO, JAPAN
TEL: +81 -3-5437-8028, WEBSITE : WWW.MITSUI-KINZOKU.COM

BANGLADESH STANDARDS AND TESTING INSTITUTE
RAJSHAHI CAMPUS
(Physical Testing Wing)
11/A, Tattva, Industrial Area, Dhaka-1205
(1997-2000)

Test Report No: 00171
Customer's Reference No: 100
Date of receipt of Sample: 04/04/21
Identification of Sample: 100-00171-001
Sampling place: Not mentioned
Name and address of customer: Manager (Production)
RFL Group, Bangladesh
House 24, Homi Bhabha Street, Fort Mumbai
Corporate ID No. L27100MH1907PLC000289

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Name and address of customer: Manager (Production)
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Corporate ID No. L27100MH1907PLC000289

Condition of the test item: Sample received in good condition as per specification.

No.	Description of item	Remarks
1.	Material received in bag	4.20T
2.	Chemical composition	100%
3.	Mechanical test	3.50
4.	Physical test	Not tested

N.B.
1. The test report is valid only for the material tested and for the purpose specified.
2. The test report is not valid for the material tested for other purposes.
3. The test report is not valid for the material tested for other purposes.
4. The test report is not valid for the material tested for other purposes.

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NORMAL GI PIPE



FALCON GI PIPE



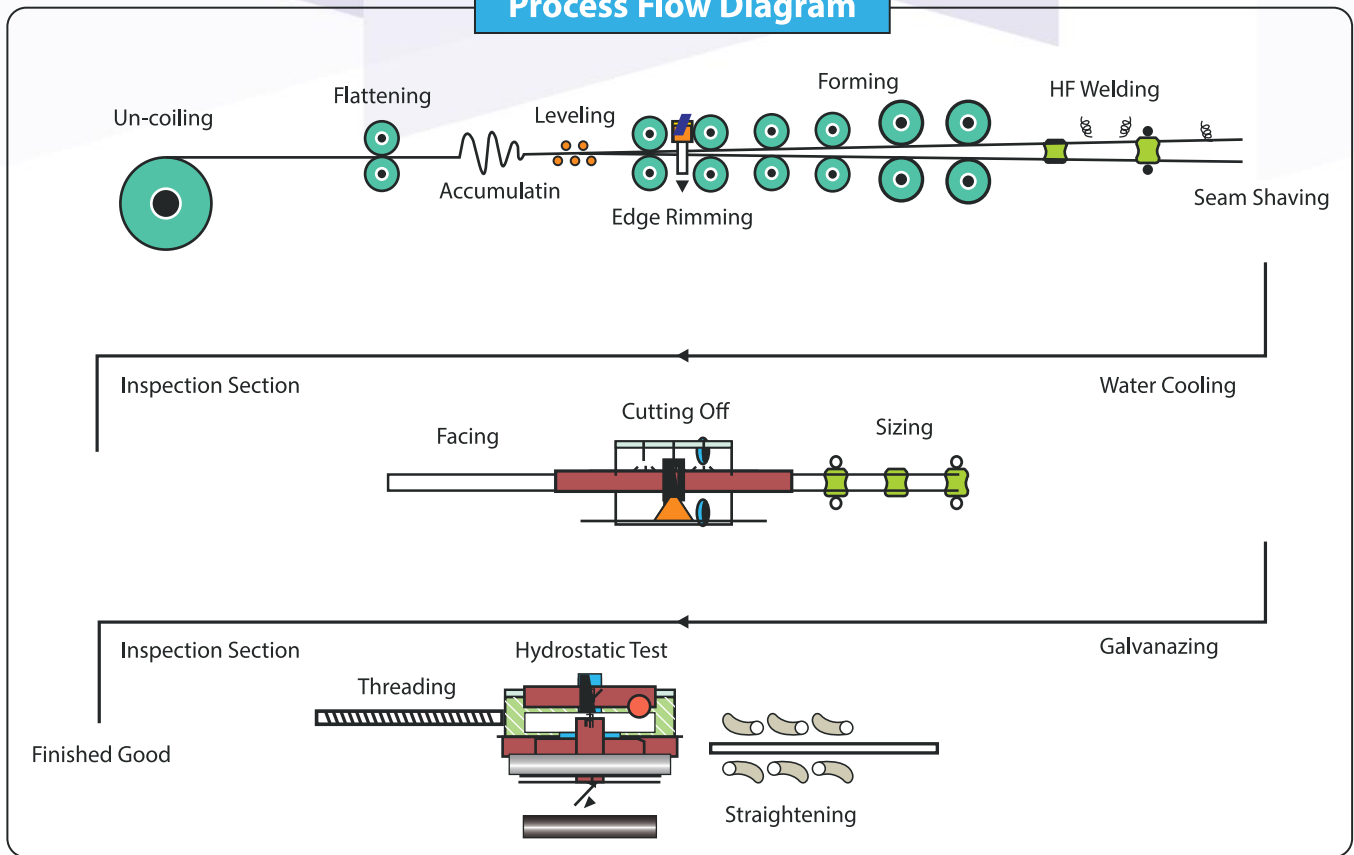


**STRENGTH GIVES
CONFIDENCE TO BUILD**

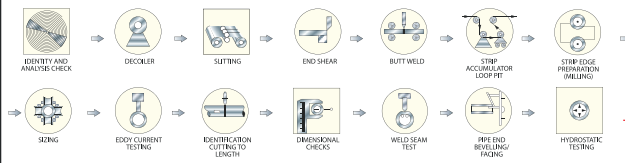


» BASIC INFORMATION OF ROUND & BOX PIPE

Process Flow Diagram

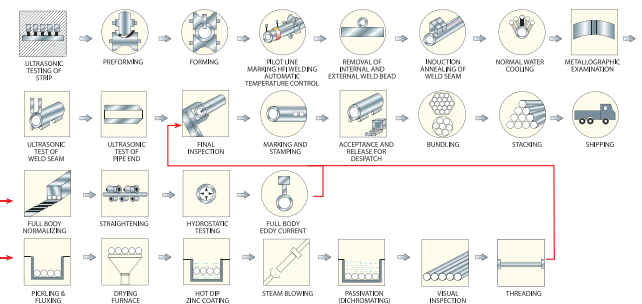


MANUFACTURING AND TESTING FLOW DIAGRAM ELECTRIC RESISTANCE WELDED BLACK



FOR BOILER TUBES
FOR GALVANIZED TUBES

OF HIGH FREQUENCY INDUCTION WELDED / AND GALVANIZED PIPES/TUBES



➤ MARKET STANDARD OF MS & GI PIPE

BS-1387:1990, ISO 4200, IS 1239 (P1) and BDS 1031:2006 standard

LIGHT				
Nominal Bore		Outer Dia		Thickness
mm	inch	Min (mm)	Max (mm)	mm
15	½"	21.00	21.40	2.00
20	¾"	26.40	26.90	2.35
25	1"	33.20	33.80	2.65
32	1 ¼"	41.90	42.50	2.65
40	1 ½"	47.80	48.40	2.90
50	2"	59.60	60.20	2.90
65	2 ½"	75.20	76.00	3.25
80	3"	87.90	88.70	3.25
100	4"	113.00	113.90	3.65
125	5"	138.50	140.80	4.85
150	6"	160.00	165.00	3.50
200	8"	212.00	218.00	4.00

MEDIUM				
Nominal Bore		Outer Dia		Thickness
mm	inch	Min (mm)	Max (mm)	mm
15	½"	21.00	21.80	2.65
20	¾"	26.50	27.30	2.65
25	1"	33.30	34.20	3.25
32	1 ¼"	42.00	42.90	3.25
40	1 ½"	47.90	48.80	3.25
50	2"	59.70	60.80	3.65
65	2 ½"	75.30	76.60	3.65
80	3"	88.00	89.50	4.05
100	4"	113.10	115.00	4.50
125	5"	138.50	140.80	4.85
150	6"	160.00	165.00	4.50
200	8"	212.00	218.00	5.00

HEAVY				
Nominal Bore		Outer Dia		Thickness
mm	inch	Min (mm)	Max (mm)	mm
15	½"	21.00	21.80	3.25
20	¾"	26.50	27.30	3.25
25	1"	33.30	34.20	4.05
32	1 ¼"	42.00	42.90	4.05
40	1 ½"	47.90	48.80	4.05
50	2"	59.70	60.80	4.50
65	2 ½"	75.30	76.60	4.50
80	3"	88.00	89.50	4.85
100	4"	113.10	115.00	5.40
125	5"	138.50	140.00	5.40
150	6"	163.90	166.50	5.40
200	8"	215.00	220.00	6.00

» PRODUCT LIST OF MS & GI PIPE

FALCON SUPER LIGHT

Nominal Bore	Wall Thickness	Outer Dia	
		Min	Max
inch	mm	mm	mm
1/2"	1.20	20.30	20.80
3/4"	1.20	26.00	26.60
1"	1.20	32.00	32.80
1 1/4"	1.20	41.00	42.00
1 1/2"	1.20	47.00	47.50
2"	1.20	57.80	58.80

FALCON SILVER LIGHT

Nominal Bore	Wall Thickness	Outer Dia	
		Min	Max
inch	mm	mm	mm
1/2"	1.50	20.50	21.40
3/4"	1.50	26.20	26.90
1"	1.50	32.20	33.80
1 1/4"	1.50	41.20	42.50
1 1/2"	1.60	47.20	48.40
2"	1.60	58.00	60.20
2 1/2"	1.80	75.00	76.00
3"	1.80	87.50	88.70
4"	1.80	112.00	112.55
5"	2.65	138.50	139.50
6"	2.65	163.90	165.00
8"	3.00	215.50	217.00

FALCON SILVER

Nominal Bore	Wall Thickness	Outer Dia	
		Min	Max
inch	mm	mm	mm
1/2"	1.60	20.50	21.40
3/4"	1.60	26.20	26.90
1"	1.70	32.20	33.80
1 1/4"	1.70	41.20	42.50
1 1/2"	1.80	47.20	48.40
1 1/2"	2.00	47.20	48.40
2"	1.80	58.00	60.20
2"	2.00	58.00	60.20
2 1/2"	2.00	75.00	76.00
3"	2.00	87.50	88.70
4"	2.00	112.00	112.55
4"	2.35	112.00	112.55
4"	3.00	112.30	112.55
5"	3.00	138.80	139.80
5"	3.50	138.80	138.80
6"	3.00	163.90	165.00
6"	3.50	163.90	165.00
8"	3.50	216.00	217.00
8"	4.00	216.50	217.50



➤ PRODUCT LIST OF MS & GI PIPE

FALCON GOLD

Nominal Bore	Wall Thickness	Outer Dia	
		Min	Max
inch	mm	mm	mm
1/2"	2.00	20.50	21.40
3/4"	2.00	26.30	26.90
1"	2.35	32.30	33.80
1 1/4"	2.35	41.30	42.50
1 1/2"	2.35	47.50	48.40
1 1/2"	2.65	47.50	48.40
2"	2.65	58.30	60.20
2 1/2"	2.90	75.30	76.00
3"	2.90	87.50	88.70
3"	3.65	87.50	88.70
4"	3.65	112.50	113.90
5"	4.00	139.00	139.80
6"	4.00	164.00	165.00
8"	4.50	216.50	217.50

FALCON DIAMOND

Nominal Bore	Wall Thickness	Outer Dia	
		Min	Max
inch	mm	mm	mm
1/2"	2.35	20.70	21.40
3/4"	2.35	26.50	26.90
1"	2.65	32.50	33.80
1 1/4"	2.65	41.50	42.50
1 1/2"	2.90	47.60	48.40
2"	2.90	58.50	60.20
2 1/2"	3.25	75.30	76.00
3"	3.25	87.50	88.70
4"	4.00	112.50	113.90
5"	4.50	139.50	140.20
6"	4.50	164.50	165.50
8"	5.00	216.80	217.50

FALCON RUBY

Nominal Bore	Wall Thickness	Outer Dia	
		Min	Max
inch	mm	mm	mm
1/2"	2.65	20.80	21.40
3/4"	2.65	26.50	26.90
1"	2.90	32.50	33.80
1 1/4"	2.90	41.50	42.50
1 1/2"	3.15	47.60	48.40
1 1/2"	3.25	47.60	48.40
2"	3.25	59.00	60.20
2 1/2"	4.00	75.50	76.00
3"	3.65	88.00	88.70

FALCON SPECIAL

Nominal Bore	Wall Thickness	Outer Dia	
		Min	Max
inch	mm	mm	mm
1"	3.25	32.70	33.80
1"	3.65	32.70	33.80
1 1/4"	3.65	41.70	42.50
1 1/2"	3.65	47.80	48.40
1 1/2"	4.00	47.80	48.40
1 1/2"	5.00	48.00	48.80
2"	3.65	59.60	60.20
2"	4.00	59.60	60.20
2"	5.00	60.00	61.00
2 1/2"	3.65	75.50	76.00
2 1/2"	5.00	76.00	76.50
3"	4.00	88.00	88.50
3"	5.00	88.00	88.50
4"	5.00	113.00	113.90
5"	5.00	139.80	140.50
5"	6.00	139.80	140.80
6"	5.00	165.00	166.00
6"	6.00	165.50	166.50
6"	7.00	166.00	168.00
8"	6.00	217.00	218.00
8"	8.00	217.50	219.00

Customized Product

We produce customized pipes between 1/2" to 8"



MS Box Pipe & MS Tube

- Mild Steel pipes
- Carbon maximum 0.10%



FALCON MS TUBE (ROUND & BOX)

Class	OD		Thickness		Length RFT
	Min(mm)	Max(mm)	Min(mm)	Max(mm)	
MS OD 1/2"	12.0	13.5	0.8	1.2	20'
MS OD 5/8"	15.5	16.5	0.8	1.2	20'
MS OD 3/4"	18.5	19.5	0.8	1.2	20'
MS OD 7/8"	21.0	22.5	1.2	1.2	20'
MS OD 1"	24.5	26.0	0.8	1.5	20'
MS OD	27.5	28.5	1.2	1.2	20'
MS OD 1.25"	31.0	32.5	1.0	2.0	20'
MS OD 1.50"	37.5	38.5	1.0	2.0	20'
MS OD 2"	49.5	51.0	1.2	1.2	20'
MS BOX-1/2"X1/2"	12.0X12.0	13.5X13.5	1.0	1.2	20'
MS BOX-5/8"X5/8"	15.5X15.5	16.5X16.5	1.0	1.2	20'
MS BOX-3/4"X3/4"	18.5X18.5	19.5X19.5	0.8	1.6	20'
MS BOX-1"X1"	24.5X24.5	26.0X26.0	0.8	2.0	20'
MS BOX-1.25"X1.25"	24.5X37.5	26.0X38.5	1.0	1.2	20'
MS BOX-1"X1.5"	24.5X38.5	26.0X38.5	1.0	1.6	20'
MS BOX-1"X2"	24.5X49.5	26.0X51.0	1.0	1.6	20'
MS BOX-1.5"X1.5"	37.5X37.5	38.5X38.5	1.0	2.0	20'
MS BOX-1.5"X2"	37.5X49.5	38.5X51.0	1.2	1.6	20'
MS BOX-2"X2"	49.5X49.5	51.0X51.0	1.2	2.0	20'
MS BOX-1"X3"	24.5X74.5	26.0X76.0	1.2	2.0	20'
MS BOX-1.5"X2.5"	37.5X62.0	38.5X63.5	1.2	2.0	20'
MS BOX-1.5"X3"	37.5X74.5	38.5X76.0	1.2	2.0	20'
MS BOX-2"X3"	49.5X74.5	51.0X76.0	1.2	2.0	20'
MS BOX-3"X3"	74.5X74.5	76.0X76.0	1.8	3.0	20'
MS BOX-4"x4"	99.5X99.5	102X102	2.6	4.0	20'
MS BOX-5"x5"	124X124	127X127	4.0	5.0	20'
MS BOX-4"x6"	99.5X149	102X152	4.0	4.0	20'
MS BOX-6"x6"	149X149	152X152	5.0	6.0	20'



MS Box Pipe & MS Tube

- Mild Steel pipes
- Carbon maximum 0.10%

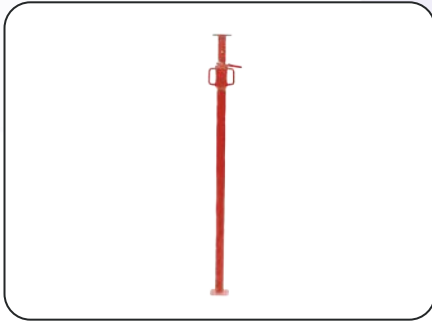


FALCON EM TUBE (ROUND & BOX)

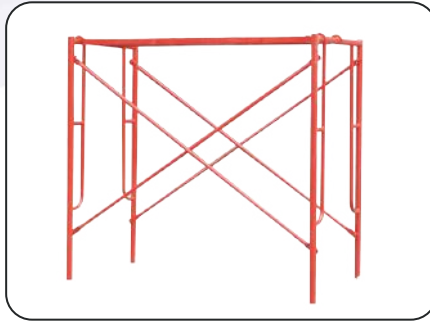
Class	OD		Thickness		Length RFT
	Min(mm)	Max(mm)	Min(mm)	Max(mm)	
EM BOX-1/2"X1/2"	12.0X12.0	13.5X13.5	0.5	1.2	20'
EM BOX-3/4"X3/4"	18.5X18.5	19.5X19.5	0.5	2.0	20'
EM BOX-1"X1"	24.5X24.5	26.0X26.0	0.8	2.0	20'
EM BOX-1.25"X1.25"	31.5X31.5	32.5X32.5	1.0	1.6	20'
EM BOX-1"X1.5"	37.5X37.5	38.5X38.5	1.0	2.0	20'
EM BOX-1.5"X1.5"	37.5X37.5	38.5X38.5	1.0	2.0	20'
EM BOX-1"X2"	24.5X49.5	26.0X51.0	1.0	2.0	20'
EM BOX-1"X3"	24.5X74.5	26.0X76.5	1.2	2.0	20'
EM BOX-1.5"X2.5"	37.5X62.0	38.5X63.5	1.2	2.0	20'
EM BOX-2"X2"	49.5X49.5	51.0X51.0	1.2	2.0	20'
EM BOX-1.5"X3"	37.5X74.5	38.5X76.0	1.2	2.0	20'
EM BOX-2"X3"	49.5X74.5	51.0X76.0	1.2	2.0	20'
EM OD 1/2"	12.0	13.5	0.7	0.7	20'
EM OD 3/4"	18.5	19.5	0.8	1.2	20'
EM OD 1"	24.5	26.0	1.2	1.2	20'
EM OD 1.25"	31.0	32.5	1.2	1.2	20'
EM OD 1.5"	37.0	38.5	1.2	1.2	20'



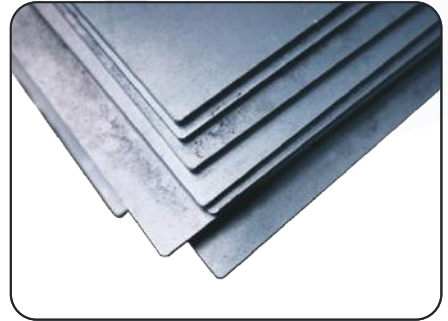
» FALCON CONSTRUCTION ITEMS



MS PROPS



MS SCAFFOLDING

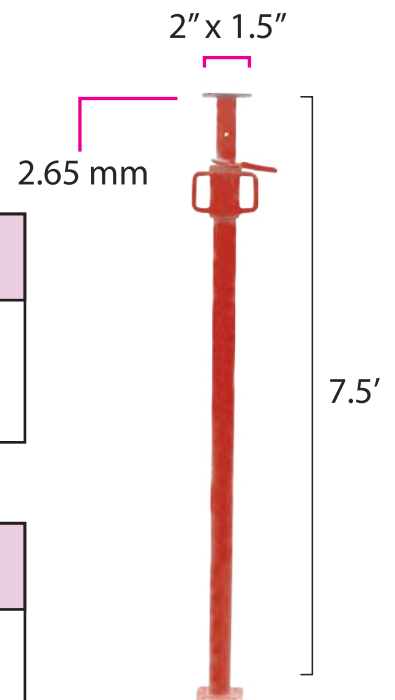


MS SHEET

» FALCON MS PROPS, SCAFFOLDING & SHEET

Falcon MS Props & Scaffolding	Applicable areas
- Fully adjustable for high-rise building. - Easy to assemble. - High pressure endurance.	Building construction or centering.

Props specification	Scaffolding specification
- Dia: (2" x 1.5") - Working length: 13.5 & customizable - Thickness: 2.65mm & customizable	- Measurement: Height-6'; Length-4'; Width-5' working can be customizable. - Height: Adjustable to any height, easy setup & movable, solution for the surface like tiles.



Falcon MS Sheet	Applicable area	Specification
- Easy to use - High pressure endurance	Building construction	Size: 4x8 feet, Thickness: 0.8 - 6.0mm

FALCON

ELECTRICAL POLE



Customize Size



100% Pure Zinc Coating



Solar Box Adjustable

» FEATURES

- Fully adjustable with specific requirements.
- Can be placed on any types of RCC or solid surface facilitates with different size and model of solar panel and light bracket.
- Provides better solution for the battery holding.
- Couples with waterproof facility of the junction box.
- Better management of cables and wires.



EXPERIENCE THE ROBUSTNESS AND RELIABLE
SS PIPES FOR ALL SOLUTIONS

» FALCON SS PIPE AT A GLANCE

Falcon Stainless Steel Pipes are high-alloy steels, which have high corrosion resistance due to the presence of large amounts of Chromium (Cr) when compared to other steel pipes. Our SS pipes are made with elements like Manganese and Nickel. These elements are highly pliable, and they provide excellent robustness.

Falcon SS pipes are available in various sizes, shapes, and dimensions. These pipes are suitable for industries, where the temperature exceeds up to 315 °C (600 °F). It is highly resistant to acids, alkalis, and dry gases at room temperature.

We manufacture from high-quality raw materials and are designed as per national and international standards. The product development department of Falcon SS pipes is working continuously to develop its product range and quality. In that sequence, we introduced 201 and 304 grade sheets for our valued customers.

» FEATURES & USES

- Made from world famous cold rolled and 8k diamond polished SS sheets using latest technology.
- Accurate thickness & length (BDS 1031:2006, ISO 1127:2006 – SS Pipe)
- High-quality stainless-steel construction for long-lasting durability.
- Resistant to corrosion, rust and wear & tear.
- Easy to install, maintain and clean.
- Suitable for a variety of applications including ventilation, household furniture and building materials.
- Shiny and diamond polishing process with perfect finishing.
- Ensures rock-solid thickness and size.
- Best quality and affordable price.
- Bendable enough to be curved into any requisite shape for multi-purpose uses.
- Perfect and visible laser print logo.
- Waterproof and standard quality poly packaging.

» PRECAUTIONS WHILE USING STAINLESS STEEL PRODUCTS

- Keep away from acid, dry cement, watery cement & any type of floor/tile cleansing liquid/dry substance (like vixol) from SS pipes and other SS products.
- For newly constructed/under construction buildings, SS work should be done at the end.
- SS pipes should be wrapped with polythene, in case any other construction work is going on.



» FALCON SS PIPE ITEM LIST

ROUND PIPE												
SL	DIA	0.4mm	0.5mm	0.6mm	0.7mm	0.8mm	1.0mm	1.2mm	1.5mm	2.0mm	2.5mm	3.0mm
1	3/8"	✓	✓	✓	✓	✓	✓	✓	✓			
2	1/2"	✓	✓	✓	✓	✓	✓	✓	✓	✓		
3	5/8"	✓	✓	✓	✓	✓	✓	✓	✓			
4	3/4"	✓	✓	✓	✓	✓	✓	✓	✓	✓		
5	1"	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
6	1 1/4"		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
7	1 1/2"		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
8	2"		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
9	2 1/2"		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
10	3"			✓	✓	✓	✓	✓	✓	✓	✓	✓
11	4"						✓	✓	✓	✓	✓	✓

BOX PIPE												
SL	DIA	0.4mm	0.5mm	0.6mm	0.7mm	0.8mm	1.0mm	1.2mm	1.5mm	2.0mm	2.5mm	3.0mm
12	1/2" x 1/2"		✓	✓	✓	✓	✓	✓	✓			
13	3/4" x 3/4"		✓	✓	✓	✓	✓	✓	✓	✓		
14	1" x 1"		✓	✓	✓	✓	✓	✓	✓	✓		
15	1 1/2" x 1 1/2"			✓	✓	✓	✓	✓	✓	✓	✓	
16	2" x 2"		✓	✓	✓	✓	✓	✓	✓	✓		

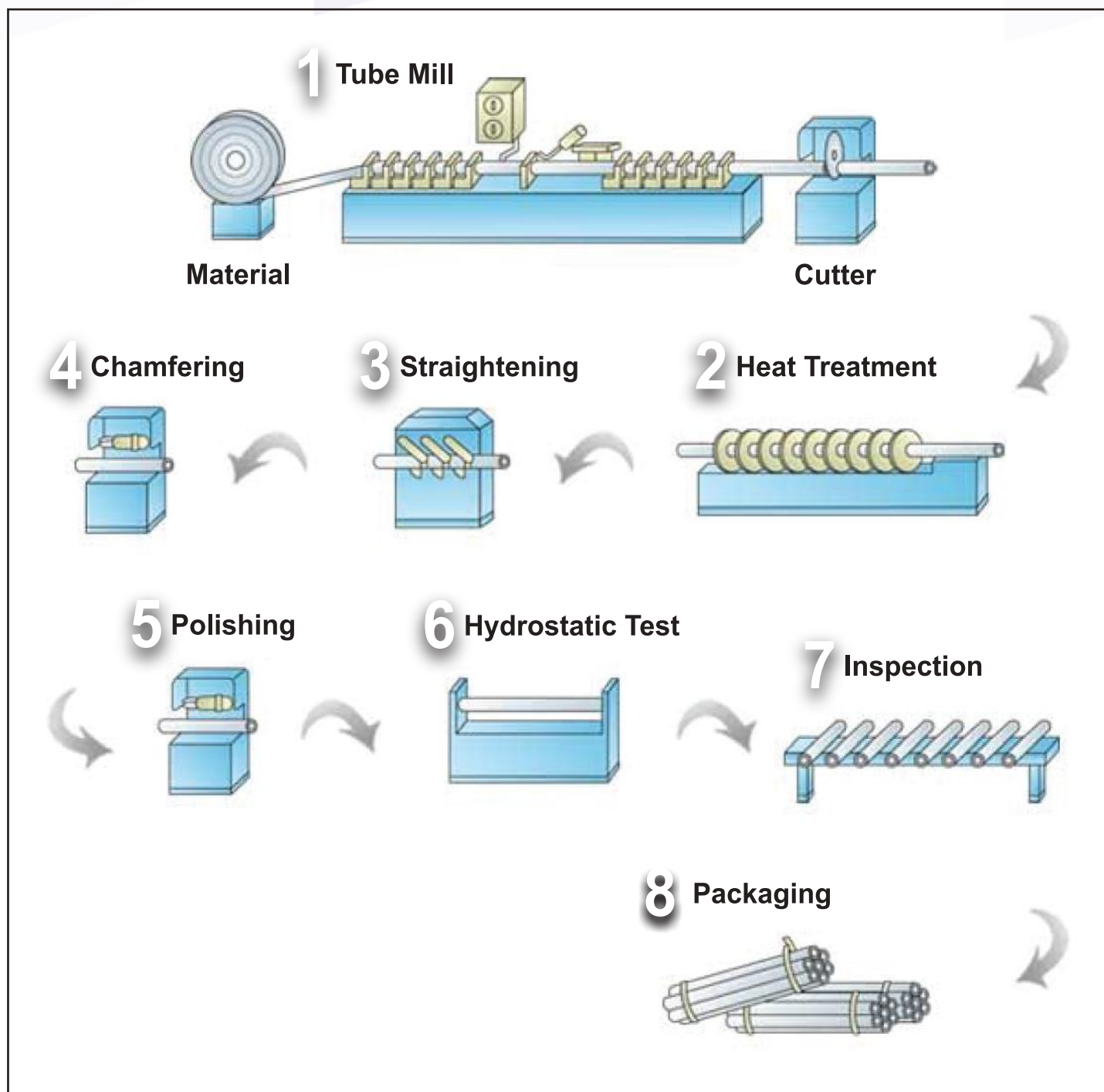
RECTANGULAR PIPE												
SL	DIA	0.4mm	0.5mm	0.6mm	0.7mm	0.8mm	1.0mm	1.2mm	1.5mm	2.0mm	2.5mm	3.0mm
17	1/2" x 3/4"	✓	✓	✓	✓	✓	✓	✓	✓			
18	1/2" x 1"	✓	✓	✓	✓	✓	✓	✓	✓			
19	1/2" x 1 1/2"	✓	✓	✓	✓	✓	✓	✓	✓			
20	1/2" x 2"	✓	✓	✓	✓	✓	✓	✓	✓			
21	1" x 1 1/2"			✓	✓	✓	✓	✓	✓	✓		
22	1 1/2" x 2"			✓	✓	✓	✓	✓	✓	✓		



➤ FALCON SS PIPE APPLICATIONS

- Staircase
- Guard Rail
- Gate
- Furniture
- Door Handle
- Others





DISCOVER THE PINNACLE OF
QUALITY, STRENGTH, STYLE AND DURABILITY



» FALCON ALUMINIUM AT A GLANCE

Falcon Aluminium is the premium aluminium brand in Bangladesh which is manufacturing aluminium profile with focusing on quality, cost, design and innovation. Falcon Aluminium started its journey on October, 2023.

Falcon Aluminium offers to customers the best aluminium extruded profiles and very sophisticated sections with our latest technologies and machines. In this continuance, Falcon Aluminium already has reached to benchmark position in the market for the extraordinary quality, aristocratic design and competitive price.

We assure the maximum coating thickness & hardness of our profile 6063-T5, which is equivalent to British Standard H9-TE. The solid expert background, advanced production equipment's, accurate inspection instruments and quality systems are our best confidence and assurance to the customers. Falcon Aluminium profile is also tested and certified from ISO, BSTI and BUET.

In manufacturing process, we use 100% imported primary materials as per building grade 6063 alloys for billet and using 100% pure aluminium ingot. Our factory's extrusion facilities are fully automated. For this reason, the mold quality meets international standard and the quality of the extrusion profile is ensured perfectly.

We are experienced in manufacturing aluminum extrusions with high efficiency and accuracy. Our company maintains the international standard of mechanical properties for producing aluminium profile which ensures Hardness 14HW Webster and anodizing film thickness 12 micron. As client/architect/engineer's requirement we ensure the proper wall thickness of the profile.

We offer a wide range of finished products through anodizing, powder coating and more to enhance the extrusion's durability and visual appeals. Our company produces anodized profile using 100% imported high quality chemicals by the automated machine and also maintains standard coating thickness.

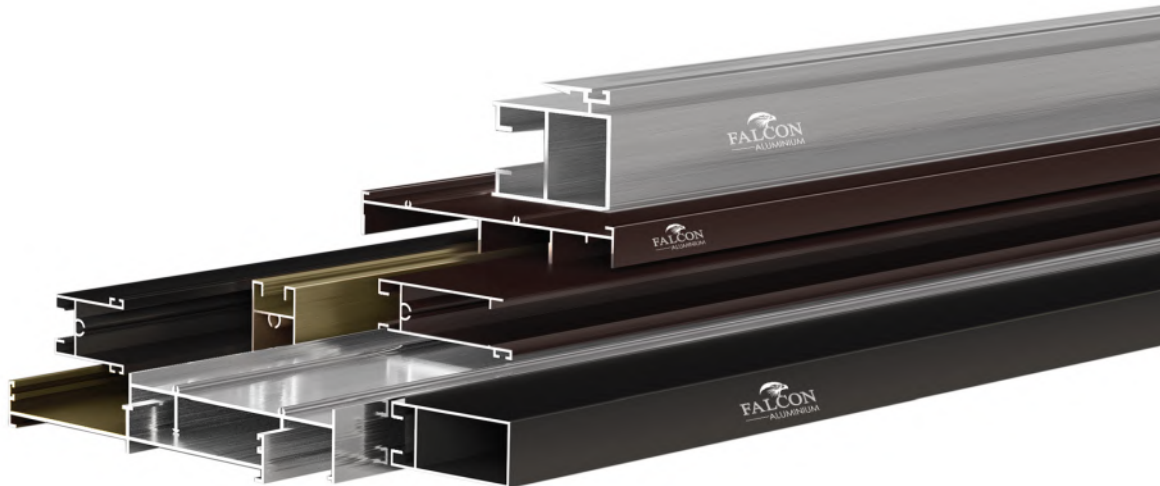
For our product safety and quality assurance, all profiles are covered by protection tape and heat shrink poly which increase attractiveness and protect the surface during delivery and profile handling. Our products ensure 100% quality standard and we don't compromise with the quality and building trust.

Falcon Aluminium is designed as per calculation of considering the load where the thickness is required to be increased that is ensured, so it is stronger than the others company profile. We produce aluminium profile into two series-

» FALCON ALUMINIUM

» SUPPORT ALUMINIUM

We also manufacture any aluminium design section according to customer demand.



» TECHNOLOGY IN PRODUCTION



**The Most Advanced
Machinery & Equipment**



Latest Billet Casting



**Extrusion Press With The Latest
Support Equipment's**



Anodizing Plant

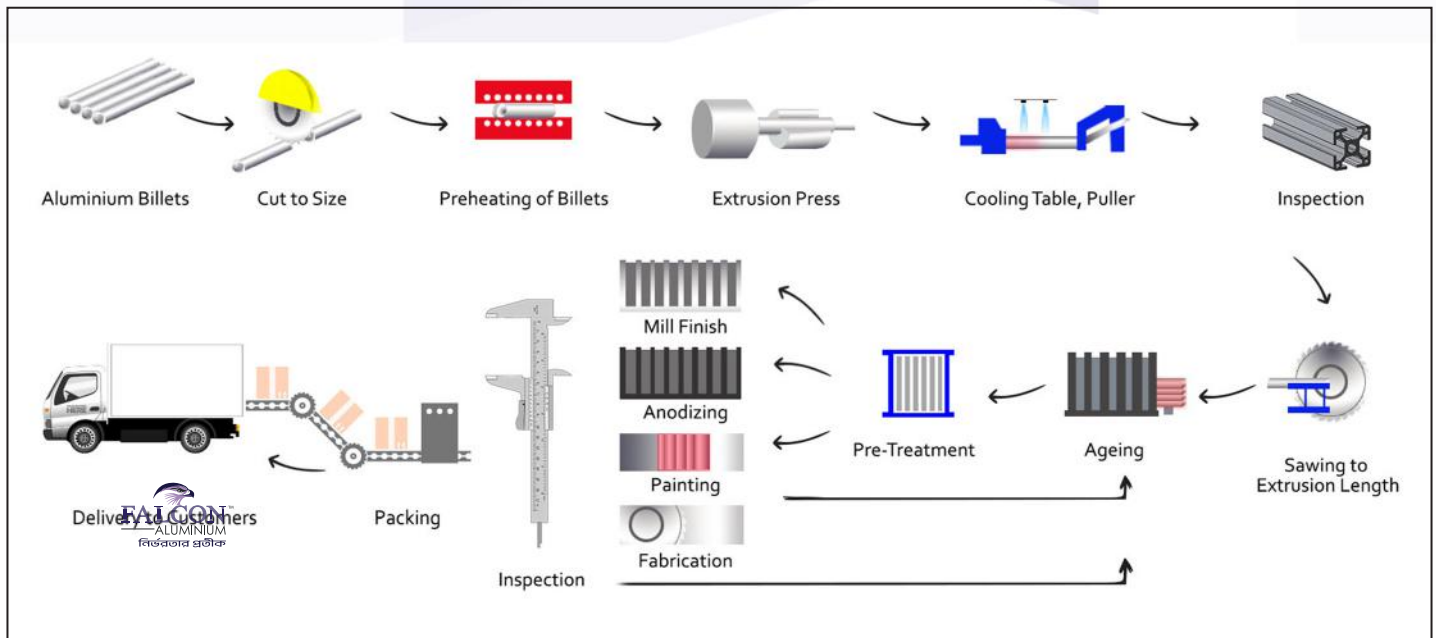


**Most Advanced Die Shop
(CNC Wire Cut & EDM)**



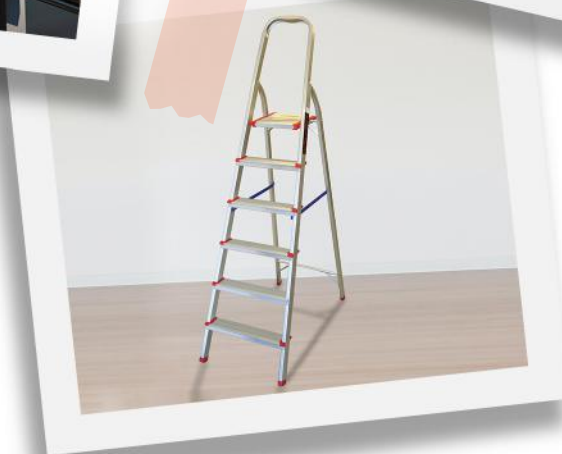
**Emission Spectrometer, Ultrasonic Test &
Electronic Microscope Equipment's**

» PRODUCTION PROCESS OF ALUMINIUM PROFILE



➤ FALCON ALUMINIUM PRODUCT LIST

- Sliding Door window profile
- Structural Profile
- Louver
- Ladder
- Led Profile
- Signboard Profile



» WINDOW SECTION

- Durability
- Cost-effective
- Maintenance
- Energy efficiency
- Fashionable
- Bushfire safety
- Color & variety

» PROFILES

- Outer top
- Outer bottom
- Outer side
- Shutter top
- Shutter bottom
- Shutter lock
- Inter lock
- Net section
- Net handle

» FALCON SERIES

- Falcon Aluminium
- Support Aluminium

» AVAILABLE COLOR

- Silver
- SS
- Bronze
- Black



» DOOR SECTION

- Durability
- Cost-effective
- Maintenance
- Energy efficiency
- Fashionable
- Bushfire safety
- Color & variety

» PROFILES

- Outer top
- Outer bottom
- Outer side
- Shutter top
- Shutter bottom
- Shutter lock
- Inter lock
- Net section
- Net handle

» FALCON SERIES

- Falcon Aluminium
- Support Aluminium

» AVAILABLE COLOR

- Silver
- SS
- Bronze
- Black



» LOUVER SECTION

- Lightweight
- Lowers maintenance requirements
- Versatile
- Visually-appealing
- Improved insulation
- Durable
- Eco-friendly

» PROFILES

- Louver "U"
- Louver "Z"

» FALCON SERIES

- Falcon Aluminium
- Support Aluminium

» AVAILABLE COLOR

- Silver
- SS
- Bronze
- Black



» LADDER SECTION

- Easy handy
- Anti-corrosion & rust-resistant
- Convenient stored
- Non-spark and non-magnetic

» FALCON SERIES

- Falcon Aluminium
- Support Aluminium

» AVAILABLE COLOR

- Silver
- SS
- Bronze
- Black



» LED SECTION

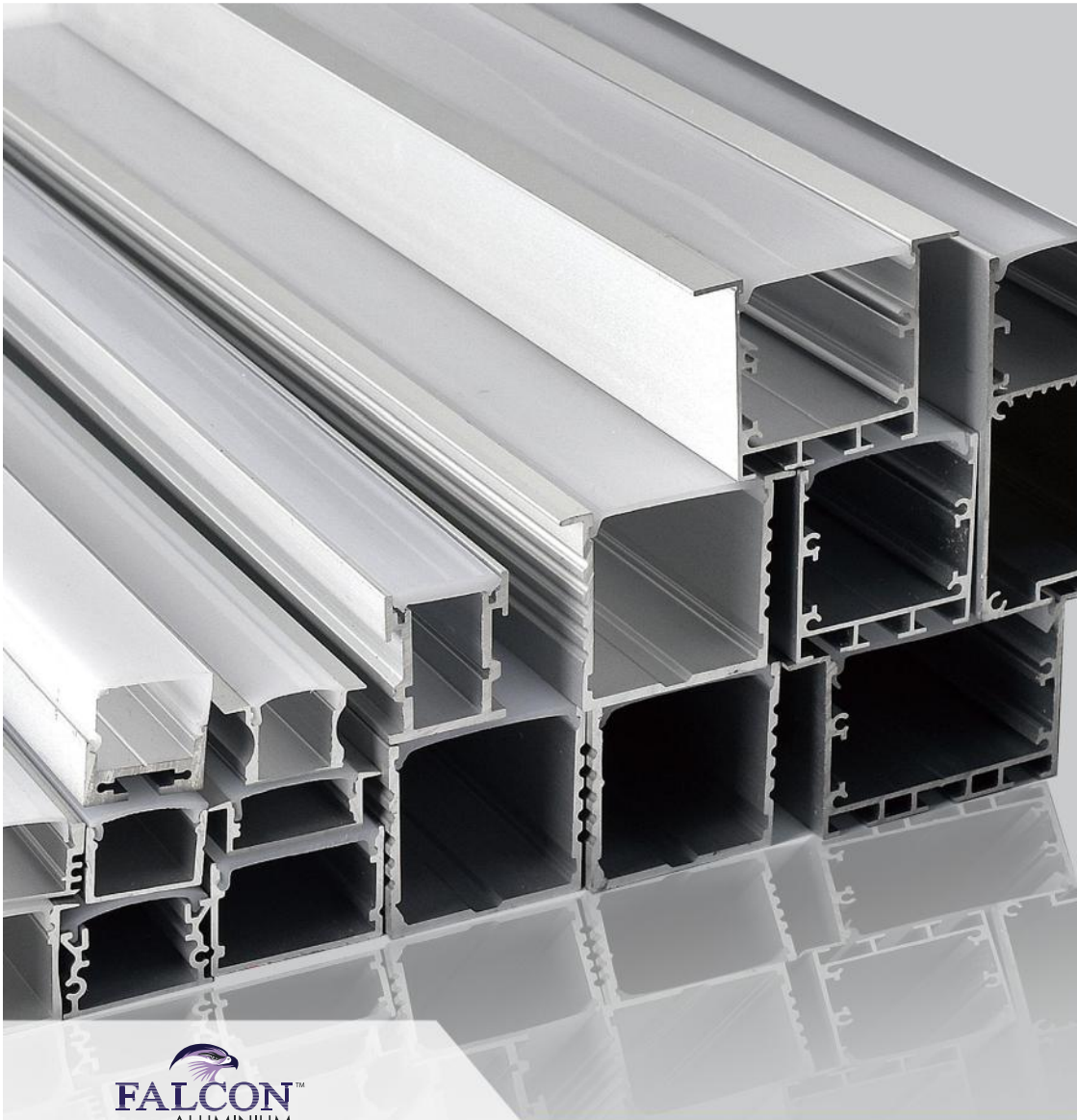
- Enhances the aesthetics of the lighting
- Enhanced heat dissipation
- Protection for LED strips
- Easy fit
- Work as led strip diffusers
- Helps with the installation of LED strips
- Easy to form different shapes
- Safety

» FALCON SERIES

- Falcon Aluminium
- Support Aluminium

» AVAILABLE COLOR

- Silver
- SS
- Bronze
- Black



» SIGNBOARD PROFILE

- Lightweight
- Lowers maintenance requirements
- Visually-appealing
- Improved insulation
- Durable
- Eco-friendly
- Cost-effective
- Maintenance

» PROFILES

- Front Cover
- Bask Side
- Front Side
- Corner Jointer

» FALCON SERIES

- Falcon Aluminium
- Support Aluminium

» AVAILABLE COLOR

- Silver
- SS
- Bronze
- Black



» BAZAR SECTION

- AC ducting section
- Hollow condeter & bathroom Profile
- Tower volt section
- Vertical blind & roller blind
- Heat sink
- Stair noising
- Angle
- Celling tee
- Flange channel



» CASEMENT SECTION

- Durability
- Cost-effective
- Maintenance
- Energy efficiency
- Fashionable
- Bushfire safety
- Color & variety
- Reduction of noise
- Secure
- Eco-friendly
- Heat conductors

» AVAILABLE COLOR

- Silver
- SS
- Bronze
- Black

» PROFILES

- Casement shutter
- Casement outer
- Casement shutter bit

» FALCON SERIES

- Falcon Aluminium
- Support Aluminium



» CURTAIN WALL SECTION

- Keeping out the elements
- Attractive design values
- Natural light
- Thermal regulation
- Structural stability
- Lightweight and flexible
- Stopping the spread of fire

» PROFILES

- Curtain wall top & side
- Curtain wall jointer
- Sub-mall

» FALCON SERIES

- Falcon Aluminium
- Support Aluminium

» AVAILABLE COLOR

- Silver
- SS
- Bronze
- Black



» OFFICE PARTITION

- Increases aesthetics
- Privacy
- Lightening
- Space saver
- Builds a sense of inclusion
- Creates structure and flow
- Integrates cost-effective options
- Creates sustainable solutions
- Bridges the gap between open concept and traditional office space

» AVAILABLE COLOR

- Silver
- SS
- Bronze
- Black

» FALCON SERIES

- Falcon Aluminium
- Support Aluminium



» EURO MODEL/EDF

- Durability
- Cost-effective
- Maintenance
- Energy efficiency
- Fashionable
- Bushfire safety
- Color & variety
- Reduction of noise
- Secure
- Eco-friendly
- Heat conductors

» AVAILABLE COLOR

- Silver
- SS
- Bronze
- Black

» FALCON SERIES

- Falcon Aluminium
- Support Aluminium





দেশসেরা মেগা প্রকল্পে
ফ্যালকনের উপর আস্থা রাখায়
আমরা গর্বিত





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