

Aluminum Grill

■ Expanded Metal

Welded Mesh

Precision Sheet Leveling

Laser Cutting

Turret Punching

INTRODUCTION

Our Group is mainly engaged in the manufacturing of all types of Laser Cuttings, Perforated Sheets, Turret Punching, Expanded Metal, Welded Mesh, Crimped Mesh, Wire Mesh, Demister Pad etc. We are located at Mumbai and Pune. Mumbai is the financial capital of India and Pune is the hub of Automobile and other Industries. We undertake challenging supplies to Automobile Companies/ Industries.

The Group supplies the products with quality guarantee and is ISO 9001:2015 certified. We are the leading manufacturers & suppliers of Metal Perforated Sheets/ Screens, Laser Cutting, Expanded Metal, Crimped Mesh, Welded Mesh, Wire Mesh, Cable Trays, Conveyor Belts, Speaker Grills, Vibrating Screen, Demister Pad, other Architectural Products etc.

In addition to the above stated products we also undertake special jobs like Embossed Plates, Embossed - Trays, Dimple / De - Stoners, Huller - Screens, Herringbone Screens, Perforated Test Sieve, Pulverizing Screens in Round, Square, Rectangular, Oblong, Hex & Conical Holes and any type of hole by Turret Punching in Stainless Steel, Carbon Steel, M.S. / G.I., Aluminum, Brass, Copper etc.

Our Research and Development team is actively developing all kind of Special Dies & Tools and Special Machineries as per specific requirement.

All our plants are having very good production capacity as well as maintain all quality standards. Our key goal is to reduce the rejection and it is a pleasure for us that our rejection percentage is very negligible as our operators and supervisors are highly trained and very co-operative with the group.



HISTORY OF THE GROUP

Mr. Tejaram Jangid is the Founder of the Group and had started the Wire Mesh business in 1970 in Delhi. In the year 1980 the company expanded its operation of Perforated Sheets as well as Expanded Metal. The operations were shifted and a plant was then set up in Bhayander (Mumbai) by his son's Mr. Inder Jangid & Mr. Shyam Jangid with further extension at Talawade, Pune in the year 1997 by Mr. Raichand Jangid. In the year 2006 the Group further started expanded its strength by installing a bigger plant at the same location having latest high-tech specialized Machines of Perforation, Expanded Metal & Wire Mesh etc.

Since the vision was to achieve highest position in the field, the Group again added a separate and systematic plant for Crimped Mesh, Vibrating Screen at Talawade, Pune in the year 2009.

Now it's the generation of Technology hence further in the year 2013, the Group has also started upgrading to the latest technologies by converting its machineries into CNC. Already the Group has started its multiple CNC Machines in full flash.

Recently in the year 2015, the Group developed one more separate and systematic plant for Welded Mesh and now the Group has come up with Laser Cutting also having a very latest fiber laser technology.

It always gives inspiration to the personnel of the Group led by the dedication of Mr. Raichand Jangid and his well trained team, which keeps him and his team busy in developing the Special Machineries and Tools.

Ours is privately owned Company. This independence ensures us to deliver total quality management under the promoters' control. With capacity to hold inventory of raw material, we can deliver our products on scheduled time, thereby ensuring you not to keep any extra stocks. At the same time, we specialize and offer tailor made custom solution as per customer specifications.

OUR VISION

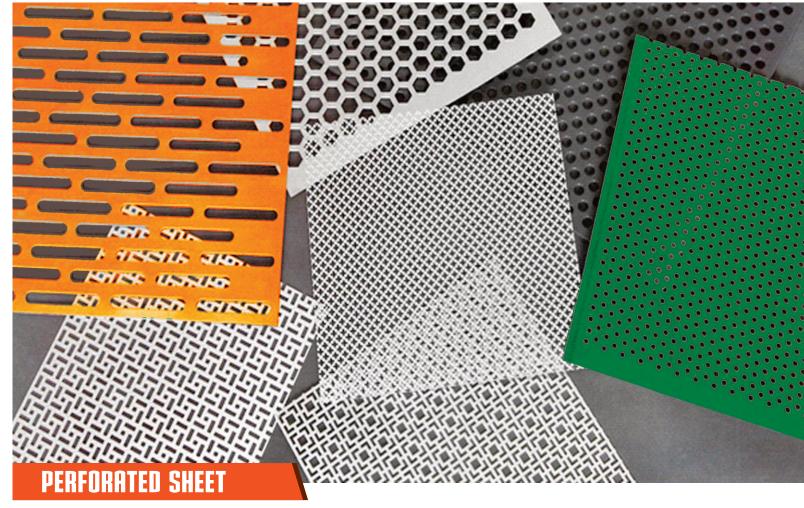
The Vision of Jai Shree Group is to boost its sales and production of products such as Laser Cutting, Turret Punching, Perforation, Expanded Metal, Wire Mesh, Welded Mesh and Crimped Mesh and to ensure that our customers be provided best Quality of Products to their satisfaction.

OUR MISSION

The Mission of Jai Shree Group is to focus on Quality, Timely Delivery & Best of Service to our Customers.

EDGE ON OTHERS

- 1) 100% privately owned with zero debt Company, hence quality oriented products.
- 2) Ensures Total Quality Management under Promoters Control with 48 years of experience.
- 3) Stock of Raw Materials is ensured.
- 4) Timely delivery of products which reduces stock to pile up.
- (5) We specialize in customization of the materials as per the requirement of the customers according to their specifications.
- 6) We procure and deliver goods not only in Mumbai & Pune, but in all other States of India as well.
 - Ve offer what we promise and promise only what we can offer.
- 8) We strongly believe in maintaining long term business relations without compromising in quality.



Material:

Carbon Steel, Stainless Steel, Aluminum, Galvanized Steel, Copper, Brass, Titanium, PVC, PP Sheet etc.

Categories:

CNC Perforation, CNC Turret Perforation, Multi Perforation, Coil to Coil Perforation, Coil to Pieces Perforation, CNC Laser Cutting.

The Characteristics of Perforated Sheet:

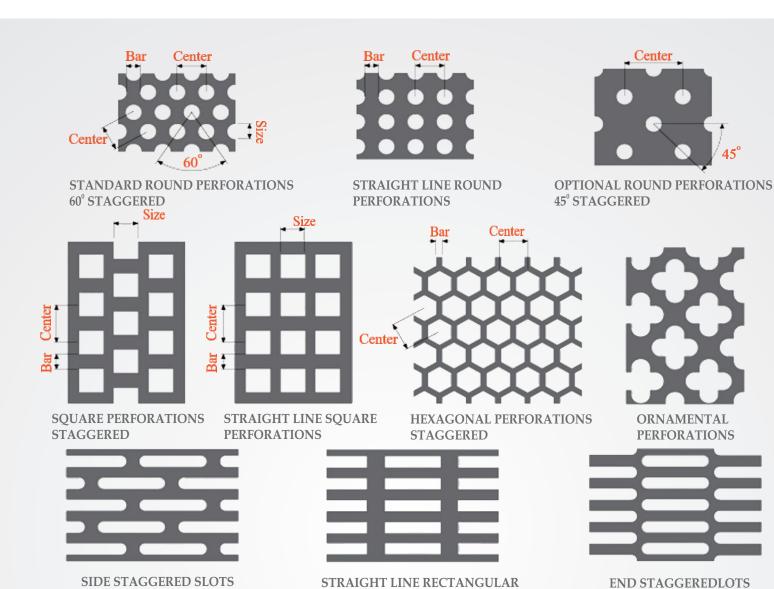
Can be readily formed, Accuracy of Size, Can be painted, polished, Electro Plating, Superior abrasion resistance, easy installation, attractive appearance, wide range of thickness available, largest selection of hole size, pattern and configuration, uniform sound abatement, light weight, Excellent wear life and durable.

Application:

Perforated metal sheets are widely used in Architectural decoration, chemical machinery, Pharmaceutical equipment, food and beverage machines, Harvester, dry cleaning machine, stone crushing machine, Automobile filters, Refrigeration equipments, silencing equipment, Central air conditioning, Speakers, Crafts, Paper making, Sugar Industries, Conveyor system and other industries etc.

Our Strength:

- 1. We Punch up to 12 mm of Thickness Plate.
- 2. Can punch with Hole size up to the thickness in any metal.
- 3. Our Maximum width handling capacity is 2200mm (W) X 4000mm (L).
- 4. Facility of prompt development of any customized perforation job.
- 5. For the ease of Customer, we have additional in house facility to serve the products with Shearing, Bending and Leveling with The quality and accuracy as per Customer requirement.
- 6. We have specialization in bow (war page) control in Perforated Sheets.



(OR SLOTS)

FORMULA FOR CALCULATION OF OPEN AREA

Calculation of Open Area: Round Hole, Triangular Pitch:



(OR RECTANGULAR)

 $\frac{R^2 \times 90.69}{T^2}$

Calculation of Open Area: Round Hole, Rectangular Pitch:



R² x 78.5

(OR RECTANGULAR)

Calculation of Open Area: Square Hole, Rectangular Pitch:



C² x 100

Calculation of Open Area: Round Hole, Staggered Pitch:



 $\frac{C^2 \times 100}{0.5 \times (Z_1 \times Z_2)}$

Calculation of Open Area: Capsule Hole, Staggered Pitch:



(R x L -0.215R²) x 100 0.5 x (Z₁ x Z₂) Calculation of Open Area: Rectangular Hole, Staggered Pitch:



100 x L x C 0.5 x (Z1 x Z2)



Material:

Carbon Steel, Stainless Steel, Aluminum, Galvanized Steel, Copper, Brass, Titanium etc.

Categories:

CNC Laser Cutting of any types of customized drawing.

The Characteristics of Laser Cutting:

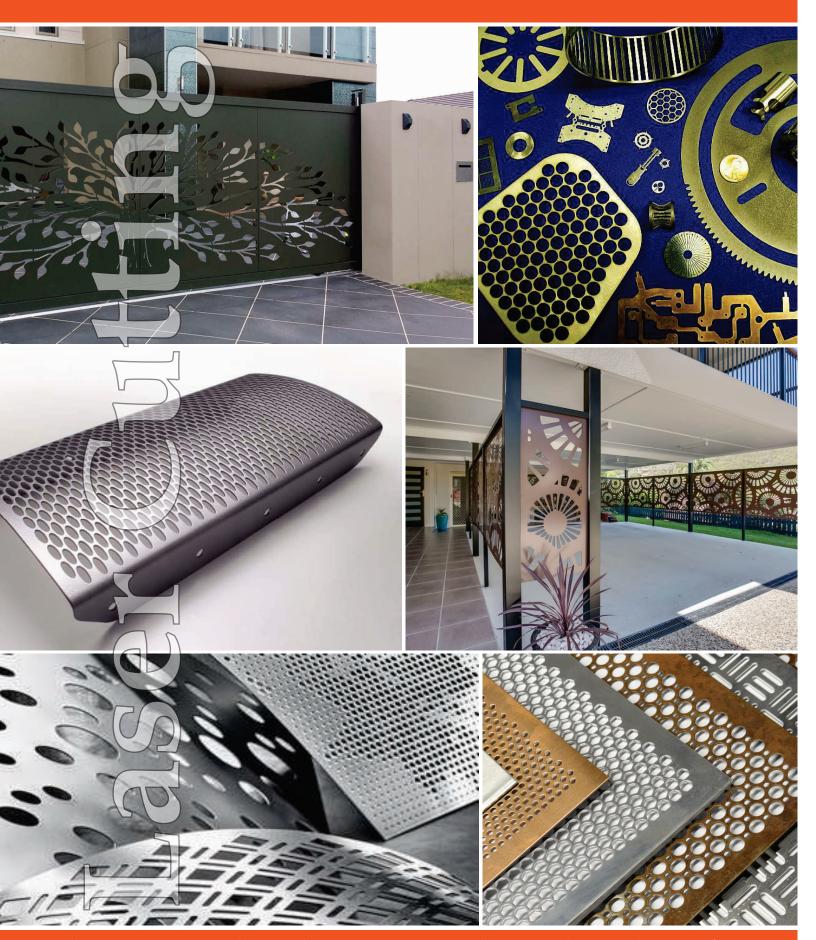
It is based on the precise sheets cutting by focused laser beam. The laser beam is a new universal cutting tool able to cut almost all known materials. Laser cutting is the process of vaporizing material in a very small, well defined area.

Application:

Laser cutting is now one of the most widely used manufacturing processes in the world. Finding a home in industries such as the aerospace, automotive, electronics, semiconductor and medical sectors, it's clear that it offers a huge range of benefits and uses.

Our Strength:

- 1. We accept up to 14 mm of Thickness Plate for the Laser Cutting.
- 2. Can process with any specific drawing in any metal.
- 3. Facility of prompt development of any customized job.
- 4. We have combination of Turret Punching with Laser for cost saving.
- 5. We have specialization in bow (war page) control after Laser Cutting Process.



"Our expertise provide consultancy to customers and suggest about application of our various products, its designs, suitability, costing and their tailor-made requirement."

EXPANDED METAL

Material:

Stainless Steel, Low Carbon Steel, Brass, Copper, Aluminum, Galvanized Steel, Titanium, Nickel Sheet etc.

Expanding Shapes/Design:

Diamond, Square, Hexagonal, Grating, Half Round etc.

Application:

This product is everlasting, widely used in architectural decoration, filters, basket, air filtration unit, medicines, machine guards, animal cages, protecting of electrical equipment window, crane walk way, safety doors, room dividers, decorative ceiling, highway fencing, civil works, fan covers/ guard, building plaster trims.

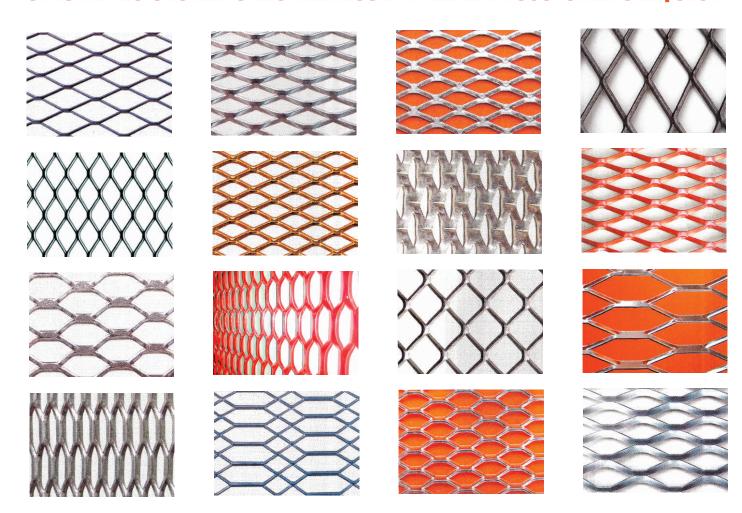
Expanded Metal Benefits:

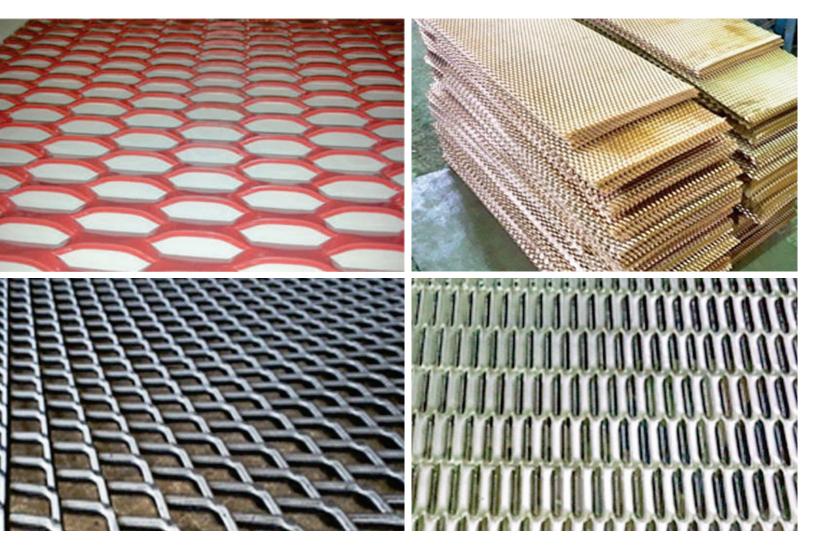
Expanded metal has a wide range of products and designs, which makes it so versatile and likable for many uses and applications. It is manufactured from single piece of metal sheet. It can be welded as per requirement, can be deep drawn and can be folded also.

Minimum Waste in the process of making expanded metal because it involves slitting and stretching material to create holes rather than punching it out.

Cost Saving is also a major benefit of Expanded metal as compared to other type of processes because it doesn't generate scrap.

* SPECIAL DESIGNS AND SIZES ARE ALSO AVAILABLE AT CUSTOMER'S REQUEST.





Aesthetics through various angles best illustrate the visual properties of expanded metal and it can be further enhanced by use of glass, plastics and other composites which can be incorporated into, or attached to, meshes for increase of strength, security and aesthetics. The expanded metal can be further beautified by various process of coloring such as powder coating, anodizing, hot dip coating etc.

Strength to Weight Ratio of expanded metal is an ideal light weighting solution whilst also maintaining strength.

Anti-Skid The knuckles formed by expanding metal give sound grip underfoot, particularly beneficial when used in stair treads, ramps and walkways.

Expanded Metal Terminology:

SWD: Short way of Diamond

LWD: Long Way of Diamond

BOND: Where two strand intersect.

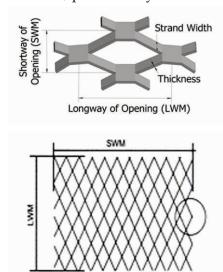
Strand Width (Dent): Length of the metal used to produce one strand.

Strand Thickness: Guage thickness.

LWM (width): Mesh sheet size, the distance of LWD direction. SWM (length): Mesh sheet size, the distance of SWD direction.

Technical Notes:

- 1. Standard Width: 900mm, 1250mm, 1500mm
- 2. Can be available in customized length as well as in coil form.
- 3. Maximum Thickness: 6mm



WIRE MESH

Material:

Stainless Steel, Carbon Steel, Low Carbon Steel, Brass, Copper, Aluminum, Galvanized Steel, Titanium, Nickel etc.

Mesh Types:

Plain Weave, Twill Weaves, Crimped Weaves.

Application:

Wire Mesh are widely used in Filtration and separation Industries, Building & Construction, Window and Safety Guard, Refinery Oil Fields, Decorative Application, Food Industry, Heat Treating Industries, Petro Chemical Industries, Automobile Industries, Paper Industries, Sugar Industries etc.









WIRE MESH SPECIFICATIONS

Mesh	S.	Diameter	Size of	Approx
	W.	of Wire	Opening	Percentage
	G.	(in MM)	(in MM)	of Open Area
2	12	2.6	10.36	62.7
	13	2.3	10.36	66.6
	14	2.0	10.67	70.6
	15	1.8	10.87	73.3
	16	1.6	11.07	76.0
	17	1.4	11.28	78.8
	18	1.2	11.46	81.7
3	12 13 14 15 16 17	2.64 2.33 2.03 1.82 1.62 1.42 1.21	5.82 6.12 6.43 6.63 6.84 7.04 7.24	47.3 52.4 57.7 61.4 65.3 69.2 73.3
4	14	2.03	4.31	46.2
	15	1.82	4.52	50.6
	16	1.62	4.72	55.4
	17	1.42	4.92	60.2
	18	1.21	5.13	65.3
	19	1.01	5.33	70.6
	20	0.91	5.43	73.3
5	15	1.82	3.25	41.0
	16	1.62	3.45	46.2
	17	1.42	3.65	51.8
	18	1.21	3.86	57.8
	19	1.01	4.06	64.0
	20	0.91	4.16	67.2
	21	0.81	4.26	70.6
6	16	1.62	2.60	38.0
	17	1.42	2.81	44.1
	18	1.21	3.01	50.7
	19	1.01	3.21	57.8
	20	0.91	3.31	61.5
	21	0.81	3.42	65.3
	22	0.71	3.52	69.3
	23	0.61	3.62	73.3
	24	0.55	3.67	75.4
7	16	1.62	2.00	30.5
	17	1.42	2.20	37.0
	18	1.21	2.40	44.1
	19	1.01	2.61	51.9
	20	0.91	2.71	56.0
	21	0.81	2.81	60.3
	22	0.71	2.91	64.7
	23	0.61	3.01	69.3
	24	0.55	3.06	71.6
8	18	1.21	1.95	37.9
	19	1.01	2.15	46.2
	20	0.91	2.26	50.7
	21	0.81	2.36	55.4
	22	0.71	2.46	60.2
	23	0.61	2.56	65.3
	24	0.55	2.61	67.9
	25	0.50	2.66	70.6
	26	0.45	2.71	73.3
	27	0.41	2.75	76.0
9	18	1.21	1.60	32.2
	19	1.01	1.80	40.8

Mesh	W. G.	of Wire (in MM)	Opening (in MM)	Percentage of Open Area
	20 21 22 23 24 25 26 27 28	0.91 0.81 0.71 0.61 0.55 0.50 0.45 0.41 0.37	1.90 2.00 2.11 2.21 2.26 2.31 2.36 2.40 2.44	45.6 50.5 55.8 61.3 64.2 67.1 70.1 73.1 74.6
10	20 21 22 23 24 25 26 27 28	0.91 0.81 0.71 0.61 0.55 0.50 0.45 0.41 0.37	1.62 1.72 1.82 1.92 1.98 2.03 2.08 2.12 2.16	41.0 46.2 51.8 57.8 60.8 64.0 67.2 69.9 72.6
12	20 21 22 23 24 25 26 27 28 29 30	0.91 0.81 0.71 0.61 0.55 0.50 0.45 0.45 0.37 0.34	1.20 1.30 1.40 1.50 1.55 1.60 1.65 1.70 1.74 1.77	32.2 37.9 44.0 50.6 54.1 57.7 61.4 64.4 67.6 70.0 72
14	22 23 24 25 26 27 28 29 30 31 32	0.71 0.61 0.55 0.50 0.45 0.41 0.37 0.34 0.31 0.29	1.10 1.20 1.25 1.30 1.35 1.39 1.43 1.46 1.49 1.51	36.9 44.0 47.8 51.8 55.9 59.3 62.8 65.5 68.2 70.1 72.0
16	24 25 26 27 28 29 30 31 32 33	0.55 0.50 0.45 0.41 0.37 0.34 0.31 0.29 0.27	1.02 1.07 1.13 1.17 1.21 1.24 1.27 1.29 1.31 1.33	42.0 46.2 50.7 54.4 58.3 61.2 64.3 66.3 66.4 70.6
18	22 23 24 25 26 27 28 29 30	0.71 0.61 0.55 0.50 0.45 0.41 0.37 0.34 0.31	0.70 0.80 0.85 0.90 0.95 0.99 1.03 1.06 1.09	24.5 32.1 36.4 40.8 45.6 49.5 53.7 56.9 60.2

Mesh	S.	Diameter	Size of	Approx
	W.	of Wire	Opening	Percentage
	G.	(in MM)	(in MM)	of Open Area
	31	0.29	1.11	62.7
	32	0.27	1.13	64.7
	33	0.25	1.15	67.1
20	24 25 26 27 28 29 30 31 32 33	0.55 0.50 0.45 0.41 0.37 0.34 0.31 0.29 0.27 0.25	0.71 0.75 0.81 0.85 0.89 0.92 0.95 0.97 0.99	31.4 36.0 41.0 45.1 49.6 53.0 56.5 59.0 61.5 64.0
22	24 25 26 27 28 29 30 31 32 33	0.55 0.50 0.45 0.41 0.37 0.34 0.31 0.29 0.27	0.59 0.64 0.69 0.73 0.77 0.80 0.83 0.85 0.88	26.7 31.5 36.6 41.0 45.6 49.2 53.0 55.3 58.3 61.0
24	24 25 26 27 28 29 30 31 32 33	0.55 0.50 0.45 0.41 0.37 0.34 0.31 0.29 0.27	0.49 0.55 0.60 0.64 0.68 0.71 0.74 0.76 0.78	22.1 26.9 32.1 36.6 41.4 45.2 49.1 51.8 54.6 57.5
26	28	0.37	0.60	38.0
	29	0.34	0.63	41.9
	30	0.31	0.66	46.0
	31	0.29	0.68	48.9
	32	0.27	0.70	51.9
	33	0.25	0.72	54.9
	34	0.23	0.74	58.0
28	28	0.37	0.53	34.2
	29	0.34	0.56	38.3
	30	0.31	0.59	42.6
	31	0.29	0.61	45.5
	32	0.27	0.63	48.6
	33	0.25	0.65	51.8
	34	0.23	0.67	55.1
30	30	0.31	0.53	39.3
	31	0.29	0.55	42.2
	32	0.27	0.57	45.6
	33	0.25	0.59	48.9
	34	0.23	0.61	52.3
	35	0.21	0.63	55.8
	36	0.19	0.65	59.4
32	32	0.27	0.51	42.6
	33	0.25	0.53	46.0
	34	0.23	0.56	49.6
	35	0.21	0.58	53.2

Mesh	S.	Diameter	Size of	Approx
	W.	of Wire	Opening	Percentage
	G.	(in MM)	(in MM)	of Open Area
	36	0.19	0.66	57.0
40	32	0.27	0.36	32.3
	33	0.25	0.38	36.0
	34	0.23	0.40	39.9
	35	0.21	0.42	44.1
	36	0.19	0.44	48.4
	37	0.17	0.46	53.0
	38	0.15	0.48	57.8
	39	0.13	0.50	62.7
50	33	0.25	0.25	25.0
	34	0.23	0.26	29.2
	35	0.21	0.29	33.6
	36	0.19	0.31	38.4
	37	0.17	0.33	43.6
	38	0.15	0.35	49.0
	39	0.13	0.50	62.7
60	35	0.21	0.20	24.8
	36	0.19	0.23	29.8
	37	0.17	0.25	35.3
	38	0.15	0.27	41.2
	39	0.13	0.29	47.6
	40	0.12	0.30	51.0
80	37	0.17	0.14	20.8
	38	0.15	0.16	27.0
	39	0.13	0.18	34.1
	40	0.12	0.19	37.9
	41	0.11	0.20	42.0
100	39	0.13	0.12	23.0
	40	0.12	0.13	27.0
	41	0.11	0.14	31.4
	42	0.10	0.15	36.0
	43	0.09	0.16	41.0
120	42	0.10	0.11	26.6
	43	0.09	0.12	31.8
	44	0.08	0.13	37.5
	45	0.07	0.14	43.6
140	43	0.09	0.09	24.0
	44	0.08	0.10	29.8
	45	0.07	0.11	36.2
	46	0.06	0.12	43.3
160	45	0.07	0.08	29.6
	46	0.06	0.09	37.0
	47	0.05	0.10	45.2
180	46	0.06	0.08	33.0
	47	0.05	0.09	37.0
200	47	0.05	0.07	42.2
	48	0.04	0.08	46.2
250	48	0.04	0.06	36.0
	49	0.03	0.07	49.0
300	48	0.04	0.04	26.5
	49	0.03	0.05	40.5
350	49	0.03	0.04	34.4
	50	0.02	0.04	43.0
400	49	0.03	0.03	27.0
	50	0.02	0.03	36.0

ALUMINUM GRILL / PROFILE

Material: Aluminum

The Characteristics of Aluminum Grills:

Can be readily formed, Accuracy of Size, Can be painted, polished, Electro Plating, Superior abrasion resistance, easy installation, attractive appearance, wide range of thickness available, largest selection of designs, sizes, pattern and configuration, light weight, easily installable, Excellent wear life and durable maintenance free etc..

Application:

This product is everlasting, widely used in architectural decoration, windows, fencing, safety doors, office cabins, protecting of electrical equipment, room dividers, decorative ceiling, civil works etc.

SPECIAL DESIGNS AND SIZES ARE ALSO AVAILABLE AT CUSTOMER'S REQUEST.



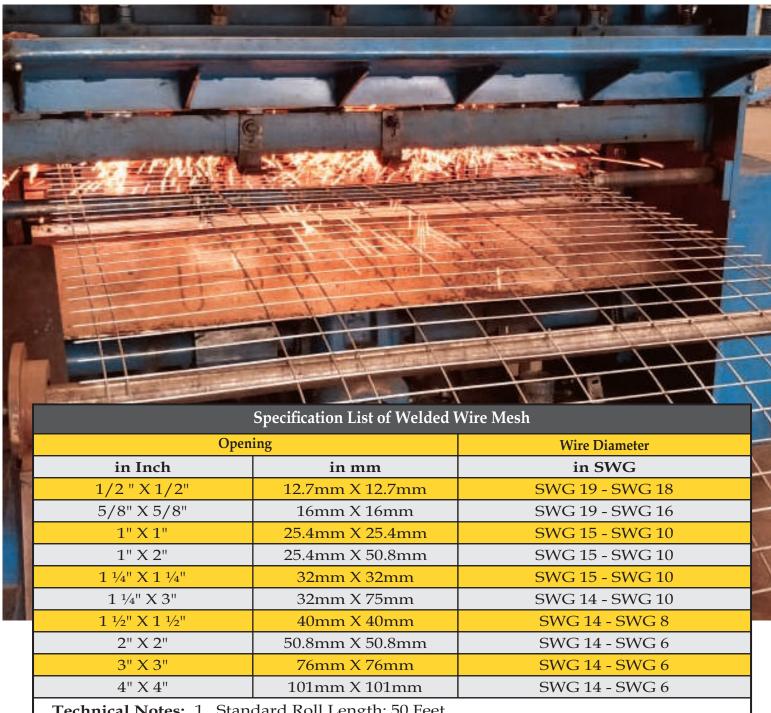
WELDED WIRE MESH

Material:

Stainless Steel, Low Carbon Steel, Hot Dip Galvanized Wire, Electro Galvanized Wire etc.

Application:

Welded Wire Mesh are widely used in Exhibitions, Building & Construction, Window and Safety Guard, Decorative Application, Fencing, Caging and Enclosures, Farm & Garden, Agricultural use etc.



Technical Notes: 1. Standard Roll Length: 50 Feet.

- 2. Width Available: 2 feet, 3 feet, 4 feet, 5 feet.
- 3. Custom sizes are available at request.



"Our expertise provide consultancy to customers and suggest about application of our various products, its designs, suitability, costing and their tailor-made requirement."

KNITTED WIRE MESH (DEMISTER PAD)





Material:

Stainless Steel, Copper, Aluminum, Galvanized Steel etc.

Mesh Types:

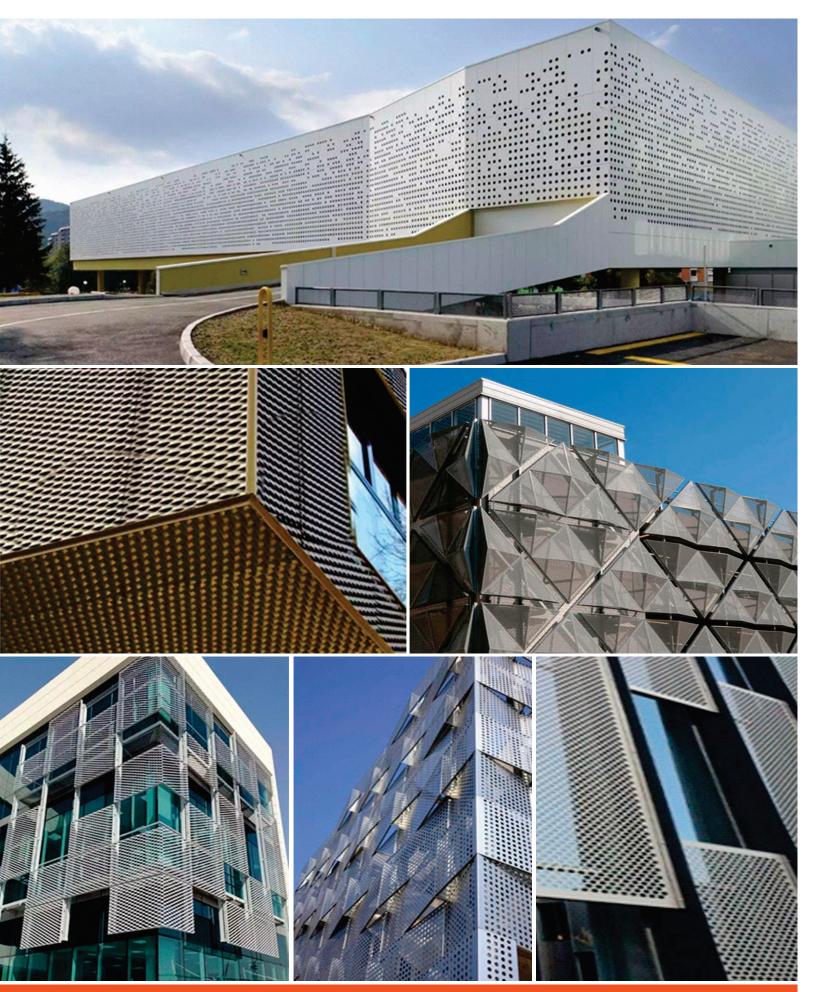
 $Plain\,Weave, Corrugated\,Weaves.$

Application:

Knitted Wire Mesh is widely used in Filtration and separation Industries, Refinery Oil Fields, Petro Chemical Industries, Pharmaceutical Industries, Automobile Industries etc.

Technical Note:

- 1. Standard Width: 25mm 600mm
- 2. Custom Sizes are available at request.



"Our expertise provide consultancy to customers and suggest about application of our various products, its designs, suitability, costing and their tailor-made requirement."



PUNE

JAI SHREE METAL PERFORATORS

Gat no. 93, Near Sonawane Wasti, Jyotibanagar, Talawade, Pune- 411062

- : www.metalperforatedsheets.com
- (): +91 22- 27690713, 27691735 : +91 9320204156, 9373324492

WIRE CRAFT

Gat no. 71, Near Sonawane Wasti, Jyotibanagar, Talawade, Pune- 411062

- : www.shreeperforators.com
- (): +91 9370606017, 9320204156

SHREE PERFORATORS

Gat no. 94, Near Sonawane Wasti, Jyotibanagar, Talawade, Pune- 411062

- $\ \, \oplus \, : www.shreeper for a tors.com$
- ⋈ : shree@jaishreegroup.in shreeperforator@gmail.com
- (): +91 20- 27692525/ 26: +91 9320204156, 9370606017

DEU SHREE METAL PERFORATORS

Gat no. 258, Opp. National Weigh Bridge, Jyotibanagar, Talawade, Pune- 411062.

- : www.shreeperforators.com
- ⋈ : devshreemetalperforators@gmail.com
- (: +91 9890797298

BALAJI WELD MESH

Gat no. 93, Near Sonawane Wasti, Jyotibanagar, Talawade, Pune- 411062

- $\ \, \oplus : www.shreeper for a tors.com$
- (c): +91 9049456019, 9320204156

CHANDAN METAL PERFORATORS CHANDAN PERFORATORS

S.No.33, Kondhwa Pisoli Road, Opp. Pune Weigh Bridge, Pisoli, Tal. Haveli, Pune

- : www.shreeperforators.com
- (: +91 9822216242, 9823453660

MUMBAI

JAI SHREE FILTRATION

Shop No. 80-B, Gr. Floor, Keshavji Jadhavji Bldg., 24/26, Khadak Street, Nr. Satkar Hotel, Masjid Bunder Road, Mumbai-400009

- : www.jaishreefiltration.com
- (): +91 22- 23475163, 23456352, 23455010, 40235163
 - : +91 9320204151/ 52/ 57

JAI SHREE INDUSTRIES

L-9, Swastik Industrial Estate, Behind Gaurav Dharam Kanta, Bhayander East, Mumbai- 401105

- : www.jaishreefiltration.com
- (: +91 9320204154/53

JAI SHREE PERFORATORS

2, Marudhar Estate, Vill. Aliyali, Next to Tembhode Village, New Satpati Road, Palghar West- Maharashtra

- : www.jaishreefiltration.com
- : inder@jaishreegroup.in inderjangid@gmail.com
- (c): +91 9320204155/59

JAIPUR

SHREE BALAJI SILUER METAL

Plot no. 120, Industrial Area Jhotwara, Jaipur (Rajasthan)- 302012

- : www.shreeperforators.com
- ⋈ : shreebalajialugrills@gmail.com
- (): +91 9829226699

