



Names - Terminologies

- Screen Cloth • Square Mesh • Wire Cloth • Heat and Abrasion Corrosion Resisting Screens
- Filter/Bolting/Strainer/Industrial Screen Cloth • Insect Screens • Hollander/Dutch Weave Wire Cloth • Vibrating Screens • Fine Mesh • Wire Gauze.

Types of Wire Cloth - Weaves

- Plain / Twilled / Dutch Weaves Square or Rectangular / oblong Mesh • Light - Medium - Heavy Weaves

Specifications

- **Mesh :** Micron or Number of openings per liner inch measured from centre of wires or size of opening/aperture square or rectangular
- **Gauge:** Diameter of Wire in millimeter or inch in Gauge number, first warp and shute/weft also if both differ.
- **Width:** 900/914/1000/1200/1500/1800/2000 mm or your specified.
- **Length:** 15/30 mtrs rolls or cut to size pieces in straight/roll/circular or other forms.
- **Metals:**
 - Steel -Low, medium high carbon, galvanised Stainless Steel 300 and 400 series Nickel Alloys Nickel, Monel, Inconel, Incoloy, Nichrome, Hastelloy
 - Copper Alloys Copper, Brass, Bronze, Phosphor Bronze Aluminium Alloys Chromium Aluminium, Kanthol Precious Metals Silver etc. Any Ferrous/ Non-ferrous metals.
- **Tolerances**
 - Roll Length : $\pm 10\%$ Width ± 2.5 mm Mesh : $\pm 3\%$ Wire Dia : $\pm 2.5\%$ or specified

Applications / Uses Benefits Selection

- Applications/Uses.** • Air Filters • Drying Trays • Grain Cleaners • Machinery Guards • Reinforcement • Plastic Extrusion • Catalysts and support gauzes. • Precious Metal Recovery • Vacuum Forming • Spark Protection • Security Screens • Filtration of particles, Fluid, Gas • Battery Grids/Screen • Brake Lining Reinforcement • Burner Screens • Sand/Gravel Sizing Heat • Treating Containers • Agricultural Engineering • Ash Handling • Brewing • Cement Mixing . • Quarries, Mining • Mosquito Screens • Oil & Petrol Gauze • Ore Separation • Sugar Refineries • Pollution Control • Water Treatment • Wide range of Industrial & Domestic uses
- Benefits** • Faster Separation • Better Load Strength • Longer Life • Precision Performance • Widest Range of Filtration • High Open Area/Flow Rate • High Temperature Tolerance • Accurate Apertures • Use under High Pressure • Self Supporting • Stability under Tension
- Selection** • Formability • Rigidity • Flexibility • Dimensional Strength • Open Area • Stability • Abrasion • Corrosion • Temperature • Strength Electrical Conductivity • Appearance • Price

Quality - Guarantee - Dependability

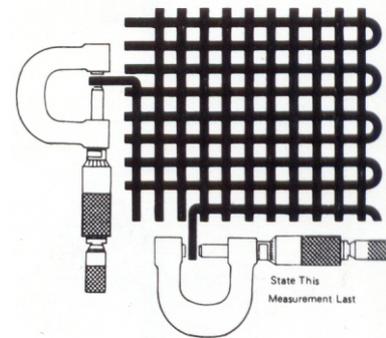
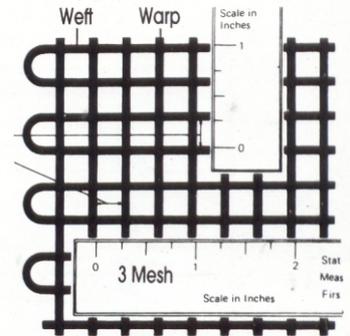
All through manufacturing processes raw material and wire cloth continually tested and inspected to ensure adherence to required quality Finished materials undergo careful checking for conformity prior packing and marking Pre-despatch inspection by users representative or any Inspection Authority offered.

Wire Mesh Products Fabrication

- Metal Working • Forming • Blanking • Calendering • Welding • Soldering • Brazing • Other Fabrication Services • Baskets - Trays - Racks • Guards - Strainers - Vibrating Screens Edge Fittings • Filter Elements - Sieves

Industries

- Appliances • Atomic Energy • Automotive • Cement - Lime • Chemicals • Clay - Ceramics • Coal Coke • Construction • Distilleries • Electronics • Explosives • Fertiliser • Food • Foundries • Glass • Heat Treating • Metal Working • Mining - Smelting • Petroleum • Plastics • Processing. • Sintering • Television • Textiles • Tobacco • Wood Utilities.



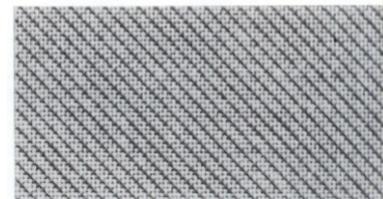
Measuring Mesh and Wire Diameter



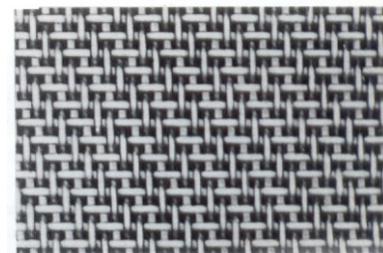
Plain Dutch Weave, 24 x 110 mesh



Twilled Dutch Double Weave, 20 x 250 mesh



Twilled Weave, 60 x 60 mesh



Twilled Weave



Enquiry/Ordering

- Metal - Alloy - Material of Construction
- Type/Weave - Plain, Twilled Dutch, Square, Oblong
- Mesh or size of opening
- Gauge or Diameter of wire
- Dimensions - Width, length, or cut to size circular, square, rectangular pieces
- Quantities - Rolls, Numbers, Square Meter/Feet
- Drawings Sketches, samples required for Edge Preparation or for speciality Cloths/Screens

Standard Square Meshes

Mesh	Aperture Size	Wire Dia. (Mm)	Gauge	Open Area (%)
8	2,718	0.457	26	73
14	1,504	0.310	30.5	69
20	0.813	0.457	26	41
20	2,894	0.376	28	49
20	0.960	0.310	30.5	57
22	0.844	0.310	30.5	53
22	0.880	0.274	32	58
24	0.682	0.376	28	42
24	0.748	0.310	30.5	50
24	0784	0.274	32	55
30	0.536	0.310	30.5	40
30	0.572	0.274	32	46
30	0.612	0.234	34	52
40	0.361	0.274	32	32
40	0.401	0.234	34	40
40	0.442	0.193	36	48
50	0.315	0.193	36	38
60	0.230	0.193	36	30
60	0.250	0.173	37	35
60	0.271	0.152	38	41
80	0.1955	0.122	40	38
80	0.2155	0.102	42	46
100	0.152	0.102	42	36
100	0.173	0.081	44	46
120	0.120	0.091	43	31
150	0.100	0.065	45.5	38
170	0.099	0.050	47	44
200	0.080	0.050	47	37
240	0.066	0.040	48	38
250	0.062	0.040	48	36
300	0.044	0.040	48	27
300	0.049	0.035	48.5	34
325	0.043	0.035	48.5	30
400	0.035	0.028	49.5	30
500	0.0258	0.025	50	26



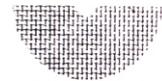
CONES



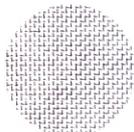
U-BINDING CIRCLES



ROLLS



HALF CIRCLES



CIRCLES

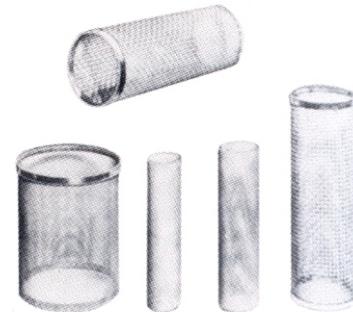


SQUARES



RECTANGLES

Special Products



Filters for Industry

Dutch Weave Wire Cloth

Mesh - Wrap x Weft	Microns	Weave
8 x 85	320 - 340	Plain / Twilled
12 x 64	265 - 285	Plain / Twilled
14 x 88	215 - 235	Plain / Twilled
20 x 150	150 - 160	Plain / Twilled
20 x 250	110 - 120	Twilled
24 x 110	115 - 125	Plain / Twilled
30 x 150	95 - 100	Plain / Twilled
40 x 200	70 - 75	Plain / Twilled
50 x 250	55 - 60	Plain / Twilled

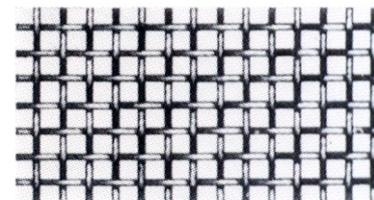
* Above are selective standard Meshes/Microns.

* We can offer your specific requirements.

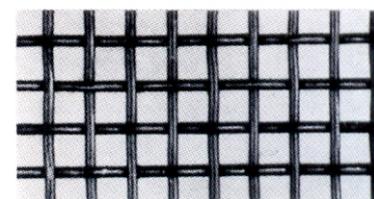
Notes:



20 Mesh



Square Mesh



Square Mesh



PACE ENGINEERING INDUSTRIES PVT. LTD.

MANUFACTURERS OF ENTRAINMENT SEPARATORS, STRUCTURED COLUMN PACKINGS, METAL CONVEYOR BELTS AND WIRE SCREENS

Regd. Office : 318, Mahavir Industrial Estate, Off. Mahakali Caves Road, Andheri East, Mumbai-400 093.INDIA
Tel : (+91-22) 2687 5421 Fax: 2687 5423 Email : paceengg@vsnl.com Website: www.paceengg.com