

WE OFFER A RANGE OF STANDARD SPECIFICATIONS TO MEET MOST REQUIREMENTS. THESE ARE LISTED BELOW FOR QUICK REFERENCE.

WE CAN SUPPLY TO ORDER, CUT PIECES AND DISCS IF REQUIRED.

IF YOU CANNOT SEE YOUR REQUIREMENT LISTED BELOW, NEED FURTHER DETAILS OF THE MEASUREMENTS, FREE AREA AND OTHER SPECIFICATIONS OR NEED ADVICE, PLEASE GIVE OUR SALES TEAM A CALL.

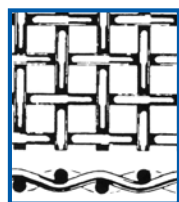
## YOUR GUIDE ON HOW TO ORDER

WHEN ORDERING OR ENQUIRING PLEASE PROVIDE THE FOLLOWING INFORMATION:

- 1) Mesh count = (apertures per linear inch) or aperture size
- 2) Wire diameter(s) in gauge or mm
- 3) Metal type
- 4) Type of weave of cloth
- 5) Quantity and dimensions of rolls or pieces, generally cut from 48" wide rolls
- 6) Application. If any doubt regarding size required, please ask for advice

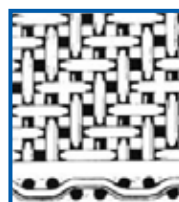
**WOVEN WIRE MESH IS GENERALLY CHARGED BY THE SQUARE FOOT OR SQUARE METRE.**

## TYPES OF WEAVE



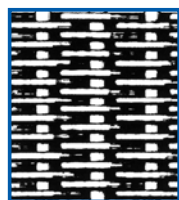
### PLAIN WEAVE

The most commonly used weave. Openings are square. Each weft wire passes alternately over and under each warp wire and vice versa. Warp and weft wire diameters are generally the same. Plain Weave meshes are available with apertures from 10.7mm (2 mesh) to 0.05mm (325 mesh). Suitable for many commercial applications.



### TWILL SQUARE WEAVE

Stronger than Plain Weave. Each weft wire alternately crosses over two, then under two, warp wires producing a diagonal pattern. The wire dia. For both warp and weft is normally the same. Twill weave is usually used to accommodate a heavier than standard wire diameter in association with a given mesh. Specifications finer than 300 are normally twill woven.



### HOLLANDER WEAVE

A Plain Weave with the warp wires of larger diameter than the weft. The weave is made up of a limited number of warp wires interwoven with the maximum number of weft wires which can be knocked up. This cloth is strong and firm and is most frequently used for high pressure filtration.

**IF WE DO NOT INCLUDE YOUR EXACT REQUIREMENTS IN OUR STANDARD RANGE PLEASE ENQUIRE.**

WOVEN WIRE MESH IS AVAILABLE IN:

### MILD STEEL

A low cost option where resistance to corrosion is not important. Some sizes are available galvanised. Mesh counts: 2-80. Heavy specifications made to order

### STAINLESS STEEL

The most popular material, giving good strength and durability. All standard sizes are available in Type 304 with many in Type 316 where greater corrosion resistance is required. Mesh counts: 2-500 and Hollander specification

### MONEL

This Nickel/Copper Alloy has the combination of strength with excellent resistance to sea water, acids etc. Mesh counts: 20-250 and Hollander specification.

### PHOSPHOR BRONZE

This Copper/Tin Alloy is strong and durable and will resist diluted acids and alkalis. Mesh counts: 30-200

### BRASS & COPPER

### ALUMINIUM & FIBREGLASS

### INSECT/ FLYSCREEN MESH

## STANDARD TERMINOLOGY

### MESH COUNT

The number of apertures or wires per lineal inch. Most meshes are square and will have the same count in both warp and weft

### WRAP

The wire running lengthwise in a roll of mesh

### WEFT

The wires running across the width of the roll

### OPEN OR FREE AREA

The proportion of the aperture expressed as a percentage of the whole area

### SELVEDGE

The finished edge formed by looped weft wires at either side of the cloth

### MICRON

= 1/1000mm