



YSF SPECIAL FABRIC
(Steel Welded Fabric for The Reinforcement of Concrete)

1.0 Specification

Dimension	Range of Specification
Nominal size of main wire, $\varnothing M$ (mm)	4, 5, 6, 7, 8, 9, and 10
Nominal size of cross wire, $\varnothing C$ (mm)	4, 5, 6, 7, 8, 9, and 10
Nominal pitch of main wire, PM (mm)	100, 150, 200, 225 and 250
Nominal pitch of cross wire, PC (mm)	100, 150, 200, 230, 250, 300, and 400
Nominal overhang (mm)	Min. 50 (without bending) / Min. 100 (with bending)
Nominal length (m)	1 – 6
Nominal width (mm)	1 – 3

Note:

- 1.1 YSF is a non stock item. Produced upon request only.
- 1.2 Cross-sectional area is subject to the tolerance of $\pm 3\%$.
- 1.3 The deviation on the pitch of adjacent wires shall not be exceed 15 mm, or $\pm 7.5\%$ of the nominal pitch, whichever is the greater.
- 1.4 Combination of wires and dimension design are available upon the requirements of customers.
- 1.5 For wire which nominal length is 6 m, the minimum overhang shall be 100 mm.

2.0 Mechanical Properties

Properties	Range of Specification
Min. Characteristic Strength (N/mm ²)	500
Min. Tensile Strength (N/mm ²)	525
Min. Elongation (%)	10

Note:

The actual tensile strength shall be at least 5% greater than yield strength recorded in tensile test.

3.0 Product Description

Specification	Product Description
Brand – Nominal size – Nominal pitch	YSF Fabric ØM/ØC PM/PC

Note:

3.1 Example:

Specification: ØM = 8 mm, ØC = 6 mm, PM = 200 mm, PC = 150 mm; Product description = YSF Fabric 8/6 200/150

3.2 The minimum order quantity is 50 pieces per product description.