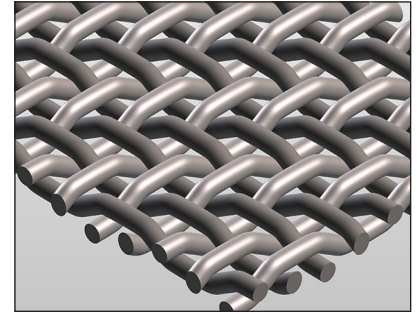


Square Twilled Mesh Wire

Wire Diameters and Specifications

This cloth is woven with mesh counts equal in both directions, the same as in plain square mesh. However, in a square twilled weave, each warp wire and each shute wire pass successively over two and under the next adjacent pair of wires. With the twilled weave pattern, the warp wires are not as heavily deformed and physically stressed as in the case of plain weave. The strength of this design is its suitability for applications that are subject to high levels of mechanical stress.



| Plain Square Mesh per Inch | Wire Diameter | | Opening Width | | Open Area % | Weight, Stainless Steel | |
|----------------------------|---------------|-------|---------------|-------|-------------|-------------------------|-------------------|
| | inches | mm | inches | mm | | Lbs/sq. ft. | Kg/m ² |
| 270 | 0.0016 | 0.041 | 0.0022 | 0.056 | 32.1 | 0.048 | 0.23 |
| 325 | 0.0014 | 0.036 | 0.0017 | 0.043 | 30.5 | 0.043 | 0.21 |
| 400 | 0.0011 | 0.028 | 0.0014 | 0.036 | 31.4 | 0.034 | 0.17 |
| 500 | 0.0085 | 0.216 | 0.001 | 0.025 | 25.0 | N/A | N/A |