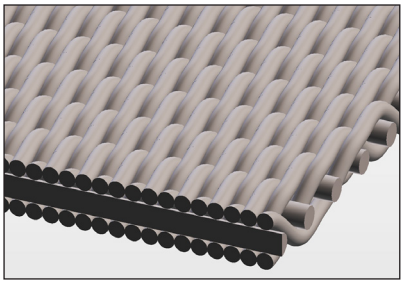
# Reverse Dutch Twilled Weave

## Wire Diameters and Specifications

An important version of the reverse dutch weave is the reverse dutch twilled weave. With this weave, the warp wires are also relatively thin – as in the case of the normal reverse dutch weave. The difference is the twilled weave pattern of the shute wires. This means that the warp wires are not as heavily deformed and physically stressed as in the case of plain weaves. The strength of this weave design is its suitability for applications that are subject to high levels of mechanical stress.



| Mesh Per Inch Warp x Shute | Wire Diameter D | | | | Porosity % | Thickness | | Weight | | Porosity Retention Micron µm (Nominal) |
|---|---|---|---|---|---|---|---|---|---|---|
| | inches | | mm | | | inches | mm | Lbs/sq. ft. | Kg/m² | |
| | warp | shute | warp | shute | | | | | | |
| 72x15 | 0.018 | 0.018 | 0.450 | 0.450 | 58 | 0.069 | 1.75 | 0.91 | 4.43 | 400 |
| 132x16 | 0.014 | 0.022 | 0.355 | 0.560 | 45 | 0.049 | 1.25 | 1.11 | 5.40 | 350 |
| 132x16 | 0.014 | 0.018 | 0.352 | 0.457 | 58 | 0.049 | 1.24 | 1.00 | 4.90 | 250 |
| 132x18 | 0.014 | 0.018 | 0.355 | 0.455 | 57 | 0.052 | 1.31 | 0.95 | 4.65 | 200 |
| 152x24 | 0.012 | 0.014 | 0.315 | 0.355 | 42 | 0.047 | 1.20 | 0.93 | 4.53 | 165 |
| 160x16.5 | 0.012 | 0.014 | 0.305 | 0.355 | 44 | 0.041 | 1.04 | 0.87 | 4.26 | 125 |
| 160x24 | 0.012 | 0.016 | 0.305 | 0.400 | 42 | 0.043 | 1.09 | 0.96 | 4.68 | 150 |
| 160x25 | 0.012 | 0.016 | 0.315 | 0.400 | 39 | 0.043 | 1.10 | 1.02 | 4.97 | 145 |
| 228x36 | 0.007 | 0.011 | 0.190 | 0.280 | 47 | 0.026 | 0.67 | 0.56 | 2.71 | 100 |
| 260x40 | 0.006 | 0.009 | 0.150 | 0.220 | 53 | 0.024 | 0.62 | 0.41 | 1.98 | 125 |
| 325x39 | 0.006 | 0.012 | 0.150 | 0.300 | 43 | 0.028 | 0.70 | 0.56 | 2.71 | 55 |
| 400x120 | 0.003 | 0.004 | 0.065 | 0.100 | 61 | 0.010 | 0.26 | 0.15 | 0.72 | 60 |