

1 x 1 Braid Pattern

Pros: Able to resist distortion to wire spacing more than other configurations

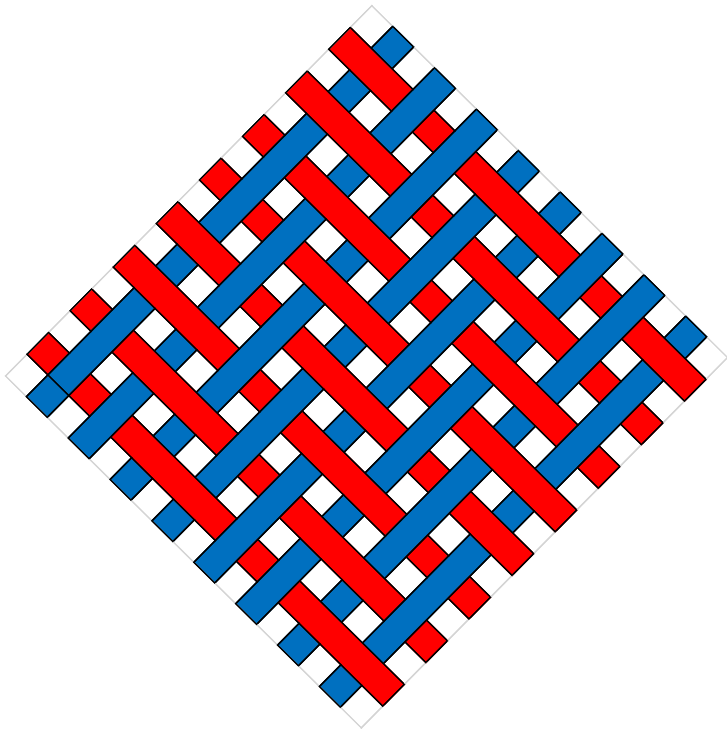
Stiffer sidewall than other configurations

Cons: More difficult to pack down into small diameter delivery sheaths than other configurations

Higher production costs

More likely to kink when bent around tight radii

Lower tensile strength than 2 x 1



2 x 1 Braid Pattern

Pros: Typical pattern when number of ends match the number of braider carriers

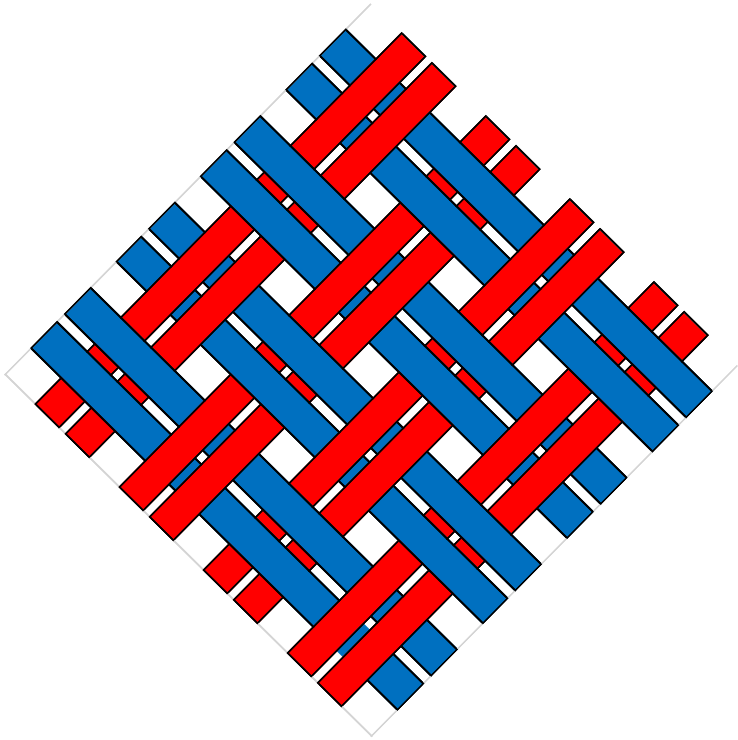
Able to achieve higher pick counts and smaller pore sizes than 1 x 1

Less likely to kink when bent around tight radii

Lower production costs than 1X1

Higher tensile strength than 1 x 1

Cons: Distortion to wire spacing is more common at lower pick counts



2 x 2 Braid Pattern

Pros: Sometimes referred to as “Diamond Pattern”

Most flexible construction in bending stiffness

Lower production costs than 1X1

Common pattern for catheter sheaths

Cons: When using metallic wires or monofilament polymers, the two wires within each pick will align together

Largest pore sizes for similar pick densities in using other braid patterns