

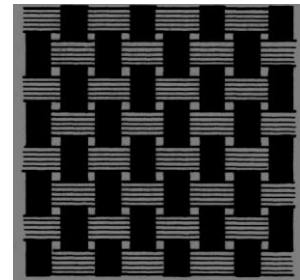
Differences between twill and plain weave

"Twill" and "canvas" are weaves (i.e. the way in which the individual fibers are woven together). The weave influences, for example, the suitability for complicated shapes. Twill drapes better and is better suited to curves and intricate shapes. Canvas is intended for surfaces such as car hoods. So for more complicated parts with curves and many edges etc. twill is more suitable and canvas (if you like it) more for flat parts (you can also get circumferential edges).

Plain weave

Plain weave is the simplest type of weave and originated from braiding. Weft and warp alternate evenly. Both sides of the fabric look the same.

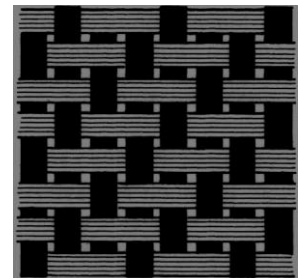
- Suitable for flat or simple components
- Poorly drapable
- High sliding resistance



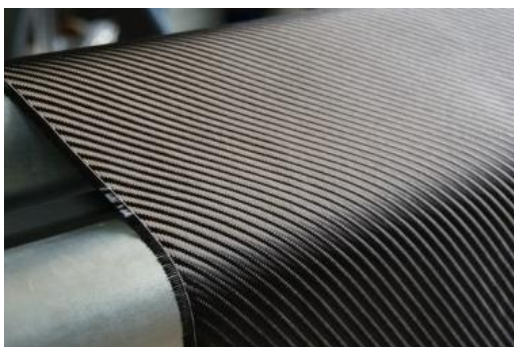
Twill weave

In twill weaving, weft and warp do not alternate evenly, i.e. for example, the weft passes under a warp thread and then over two or more warp threads. The two sides look different. Warp twill is the name given to the side of the fabric on which more warp threads can be seen, the other weft twill.

- The oblique lines are unmistakable
- Very drapable
- Better for curves and complicated shapes
- Lower sliding resistance



Examples



Carbon fabric twill



Carbon Fabric Canvas