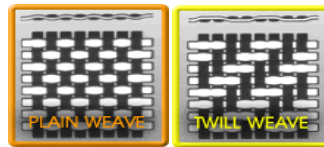


## Weave Styles - Comparison of Properties



<i>Property</i>	Plain	Twill
•Good stability	B	C
•Good drape	D	B
•Low porosity	C	B
•Smoothness	D	C
•Balance	B	B
•Symmetrical	A	C
•Low crimp	D	C
•Cosmetics	B	A
•Ease of use	A	A – B

(Key: E=very poor, D=poor, C=acceptable, B=good, A=excellent)

### Plain

Each warp fibre passes alternatively under and over each weft fibre. (Difficult to drape and high crimp impacts low mechanical properties).

### Twill

One or more warp fibres alternatively weave over and under two or more weft fibres in a regular repeated manner. This produces diagonal rib. Superior wet out and drape, over plain, with only a small reduction in stability. Reduced crimp gives smoother surface and high mechanicals.