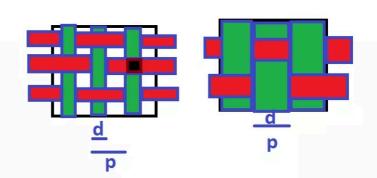
Cloth Cover

$$d=1/28\sqrt{Ne}$$
 inch

Cover =
$$d/p$$

P = thread spacing

d = dia of the yarn



p = 1/n

n= thread density

Cover = d/p =
$$\frac{1}{28\sqrt{\text{Ne}}}$$
 * $\frac{1}{\text{I/n}}$ = $\frac{n}{28\sqrt{\text{Ne}}}$

Warp cover, K1 and Weft Cover, K2
Total Cover = K1 + K2 - K1 * K2

where, K1 =
$$\frac{n}{Ne}$$

GSM Areal Density

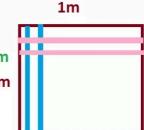


2. GSM = w * 100

w = weight of the GSM cutter sample in gm



3. GSM



Exactly, 23.25 * EPI (1 + C1%)

GSM =
$$\left(\frac{\text{EPI} * (1 + \text{C1\%})}{\text{Warp Ne}}\right) + \frac{\text{PPI} * (1 + \text{C2\%})}{\text{Weft Ne}}\right) * 23.25$$

25.50

4. GSM (Knit Fabric)

Fabric Strength

Why to Test Fabric Stregth?

How to check fabric Strength?

Tensile Strength Dress Material such as shirting, suiting,
Tearing Strength Ribbon, tapes, bandage cloth, insulating tapes etc
Bursting Strength Parachute cloth, filter cloth, now-wovens, nets and knitted fabrics

Wear and abrasion Workman's cloth

