MASK FABRICS

The following are the common materials/fabrics that masks come in (1):

- Flannel
- Nylon
- Cotton
- Silk
- Chiffon
- Polyester
- Denim

FABRIC EFFECTIVENESS

Compared to a surgical mask that can filter 96% of particles (2):

- 4 layer silk: filters >80% (3)
- 1 layer cotton + 2 layer silk: filters >80% (3)
- 1 layer cotton + 2 layer chiffon: filters >80% (3)
- 1 layer cotton + 1 layer flannel: filters >80% (3)
- 100% cotton: filters 69% (2)

Compared to a surgical mask that can filter 96% of particles (2)

PRICES/YARD (4)

- Flannel: $2
- Cotton: $3-9
- Silk: $30-80
- Chiffon: $4-6

EXTRA PROTECTION (5)

- Use a polypropylene filter, which tends to catch extra air particles via electrostatic charge
- Rub your polypropylene filter with a plastic glove after washing to re-create the charge
- Use folded facial tissues inside your mask
- To seal your mask around your face, use panty hose

"Improperly fitting masks which left gaps for leakage decreased filtration efficiency over 60 percent." (1)

**Any material that is tightly woven with few gaps and holes will have the highest protection.** (2,3)