

*data sheet****FLUOROFAB[®] FABRIC******KEVLAR[®] 10******Description***

Kevlar[®] fabrics are made from woven aramid fiber that has been coated with polytetrafluoroethylene (PTFE)-based fluoropolymer resin. This coating, combined with the excellent strength and dimensional stability of the fabric, results in a product appropriate for use in a wide variety of demanding applications. Kevlar[®] fabrics are known to have high abrasion resistance, flex fatigue resistance and substantially higher strength to weight ratio compared to typical fiberglass products. These fabrics also provide high cut resistance and low thermal shrinkage. Kevlar[®] is stronger than steel on equal weight basis.

Features and Benefits

- ⇒ Excellent release characteristics
- ⇒ Low surface friction
- ⇒ Operationally and dimensionally stable from: -73°C (-100°F) to: +230°C (450°F)
- ⇒ Chemically resistant
- ⇒ Highly resistant to cut-through and abrasion
- ⇒ Virtually zero flow under heat and pressure
- ⇒ FDA compliant for food processing, packaging and handling

TYPICAL PHYSICAL PROPERTIES

Nominal Thickness	mil	10
Minimum Weight	oz/yd ²	11.9
Breaking Strength	lb/inch of width (warp direction)	680
Breaking Strength	lb/inch of width (fill direction)	757

All values shown herein are typical and are not to be considered specifications. In all instances, the user shall determine the suitability of any Green Belting Industries Ltd. product for any given application. Should more information be required, please contact GBI.

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