



## FABRIC STYLES AVAILABLE AND RECOMMENDATIONS

### Fabric Product Data Sheet 2014-1

May 2014

The following custom-woven fabric styles are approved under STC SA1008WE and are available for installation on approved certified aircraft as listed on FAA Master Eligibility List No. 1008 published in the Poly-Fiber Procedure Manual No. 1.

#### **MEDIUM-5**

Considered our standard fabric, it is recommended for normal service and is widely used on all types of aircraft, regardless of wing loading or horsepower.

**Recommended Aircraft:** All classics, antiques, and contemporary designs that anticipate normal on-airport operations.

#### **Specifications:**

Thread Count – 73 x 65/in  
Weight – 2.79 oz/sq yd

Breaking Strength – Avg 105 lbs/in  
Tear Strength – Warp 98 lbs, Fill 113 lbs

#### **HEAVY DUTY-4**

Our extra heavy-duty fabric recommended for the most severe operating conditions and very high-wing loading aircraft. Its large filament size and high strength provide excellent resistance to rock penetration and tearing, characteristics required for trouble-free bush and agricultural operations. It is suitable for all aircraft where a very tough, durable, low elongation, high-tension fabric is required.

**Recommended Aircraft:** Aerobatic and bush planes, ag aircraft, and warbirds.

#### **Specifications:**

Thread Count – 144 x 57/in  
Weight – 3.4 oz/sq yd  
Breaking Strength – Avg 113.5 lbs/in

Bursting Strength – 279 psi  
Tear Strength – Warp 108 lbs, Fill 119 lbs

#### **UNCERTIFIED LIGHT**

Our light-weight fabric is recommended for covering plywood surfaces on any aircraft and any ultralight aircraft that is not certified. **On certified aircraft, it is only approved for covering plywood surfaces.** This fabric will be unstamped.

#### **Specifications:**

Thread Count – 90 x 76/in  
Weight – 1.87 oz/sq yd  
Breaking Strength – Avg 69 lbs/in

Bursting Strength – 156 psi  
Tear Strength – Warp 66 lbs, Fill 72 lbs