



HEAT TOLERANT MATERIAL OPTIONS



Ballistic Nylon : Temperature Tolerance - Max 120°C Constant

Ballistic nylon is a synthetic nylon fabric used to manufacture a variety of items. The material is woven from nylon yarns of various denier (weight), with the double weave 1050 denier fabric being most durable for its weight level. It is resistant to abrasion and tearing, and is backed with polyurethane (which aids in waterproofing), making it the perfect fabric for protective applications



Kevlar: Flame Resistance - 2 Seconds

100% Kevlar fiber light weight fabric woven in a 3/1 left hand twill pattern, woven face down. Fabric is coated on both sides with medium gray silicone rubber. Resistant to some chemicals and solvents.



Silica with Red Silicone Rubber - Temperature Tolerance - 982° C Continuous

A woven continuous filament amorphous silica fabric featuring red silicone rubber coating one side (available double sided). Applications include pad fabrics, valve covers, curtain materials and damage control cloth. Resistant to most chemicals. Good thermal protection to temperatures of 1800°F, base cloth only.



11 oz. Aluminized Cloth - Temperature Tolerance - 10° - 260° C Constant

A woven fabric of an Aramid fiber blend over a carbon core yarn, aluminized on one side. Applications include safety clothing, gloves, mitts, jackets, curtains, and other industrial applications. Resistant to reflected heat sources, offers excellent thermal protection for safety garments.

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