WILDLAND, TECH RESCUE AND INDUSTRIAL FABRICS

EUROPEAN SALES OFFICES
In Gewerbepark D23, D-93059 Regensburg, Germany
Phone: +49 941 46 52 75 99
Fax: +49 941 46 52 75 98
22 Mallard Way, Pride Park, Derby, DE24 8GX, UK
Phone: +44 1332 290466
Fax: +44 1322 290952

HEADQUARTERS
PBI Performance Products, Inc.
9800-D Southern Pine Blvd.
Charlotte, NC 28273, USA
Phone: +1 704 554 3378
Fax: +1 704 554 9191

www.pbiproducts.com

Advanced heat and flame protection
Durable fabric engineering
Enhanced strength

PROTECTION WITHOUT COMPROMISE
PBI SETS THE STANDARD FOR LIGHTWEIGHT FLAME-RESISTANT PROTECTIVE FABRICS. THESE SPECIALTY FABRICS ARE THE PREFERRED AND TRUSTED CHOICE FOR THE MOST RIGOROUS TECHNICAL RESCUE, WILDLAND AND INDUSTRIAL APPLICATIONS.

Vertical Flame Test ASTM D6413
PBI Triguard has a char length one-quarter that of FR cotton and traditional meta-aramids. No after-flame even with two 12-second burns. Remains supple after exposure to flame and high temperature.

Chemical Resistance
PBI Triguard retains more than 85% of its original tensile strength, even after 10 hours of contact with hydrochloric acid, sodium hydroxide, acetone, or gasoline.

Moisture Management
PBI Triguard is highly absorptive. The PBI Triguard blend will wick perspiration 58% faster than typical meta-aramid fabric.

Wear Trials
PBI Triguard fabrics were judged to be as soft and comfortable as cotton.

PBI Triguard TGP 185 is a lightweight fabric with enhanced tensile strength and high resistance to UV exposure. It will not become brittle, shrink or break open when exposed to flame and high temperatures, offering excellent protection. Its inherent flame resistance ensures that protection does not wash out or reduce over the lifetime of the garment.

PBI Triguard TGP 185 is uniquely dyeable and available in a range of colours including red, orange, green, yellow as well as navy blue and black.

PBI Triguard TGP 185 is lightweight yet has higher tensile strength than many other heavier fabrics and still feels as soft and comfortable as cotton.

The fabric maintains high levels of wash and light fastness throughout the lifetime of the garment.

PBI TRIGUARD TECHNICAL INFORMATION

WEIGHT
170 g/m²

WEAVE
RIPSTOP

BLEND
20% PBI, 30% LENZING FR®, 50% PARA-ARAMID

APPLICATION
TECH RESCUE, WILDLAND, INDUSTRIAL

COLOR
NATURAL, YELLOW, BLACK

ATPV
14.5

PBI TGP 185
TECHNICAL INFORMATION

WEIGHT
185 g/m²

WEAVE
2X1 TWILL

BLEND
20% PBI, 27% META-ARAMID, 52% PARA-ARAMID, 1% ANTISTAT

APPLICATION
TECH RESCUE, WILDLAND, INDUSTRIAL

COLOR
NATURAL, YELLOW, BLACK, RED, ORANGE, GREEN, NAVY BLUE

ATPV
14.5