

IFR Jacket for Welding Protection

TSG-990-6 Series

ASTM 6413-99
Vertical Flammability

Barrweld Extreme™ 10 oz
Char (W&F) 0x0
After Flame (W&F) 0.0x0.0

Barrweld™ 8.5oz
Char (W&F) 0.7x.06
After Flame (W&F) 0.0x0.0

ATPV Arc Flash

Arc Rating, ATPV
(Cal/cm2)
7.4 - HRC1

Arc Rating, ATPV
(Cal/cm2)
11 - HRC2

Specs and laundry instructions for the Barrweld™ Family of fabrics are available upon request.

Product Features:

- The TSG-990-6 Series jacket is made using 8.5 oz Barrweld™ wine that is light-weight and comfortable. The fabric is tightly woven and designed to shed weld splatter and resist pin holes.
- Barrweld™ is an intimate blend of 60% Lenzing FR®, and 40% Twaron® (European version of Kevlar®) and is inherent flame resistant (IFR). That means the protective properties are inherent to the fibers, won't burn, melt, or drip, and cannot be laundered out over the life of the garment.
- To provide extra protection for the arms during violent welding, the sleeves are made using 10 oz Barrweld Extreme™. When the situation calls for the sleeves to be made using this fabric, the SOP is to sew inside a second panel of the 8.5 oz Barrweld™ above and below the elbow. This helps protect team members from the potential threat of thermal transfer caused when weld berries sit in the crook of the elbow.

Will Not Burn, Melt, or Drip.

- With the team member's comfort in mind, the back is made using IFR black mesh for breathability.
- The Twaron® knit wrists with thumb hole provide A2 cut protection and lock the sleeves in place when donning a glove, so it does not ride up the arm and expose the vulnerable wrist.



Proudly made
in the USA



Tri-Star Glove customizes garments for your industry needs.

For more information, please contact us! 800-832-7101
www.tri-starglove.com | customerservice@tri-starglove.com

IFR Jacket for Welding Protection

TSG-990-6 Series

TSG-990-6 is available in sizes Small to 5XL. Additional sizes and laundry instructions are available upon request.

Customizable So You Don't Need to Settle...

This jacket can be made specific to your company and your process.

We listen to what you need and pair the right fabrics to solve the threat.

Call us for additional information.



Front View



IFR Black Twaron® Mesh to Keep Team Members Cool



Covered Zipper to Keep Out Weld Splatter & Inside Pocket

We also make gloves; it's right in our name!

We have 13 & 7 gauge gloves from A2 to A9 and can ship in 1-3 days.

Forget about waiting for a container to be unloaded.

Designed for and by the Professional Welder



360 Collar for Extra Neck Protection



2-Slot Pen Pocket



To Be Sure,
Tri-Star uses Twaron® for its superior cut, abrasion,
and thermal resistance.

Tri-Star uses only 100% virgin Twaron®, as recycled para-aramids could compromise the performance of the glove, and yarn could be inconsistent from shipment to shipment. For more information on Twaron, visit <https://teijinaramid.com/en/products/>