

FAST FACTS ABOUT CARBONX

WHAT:

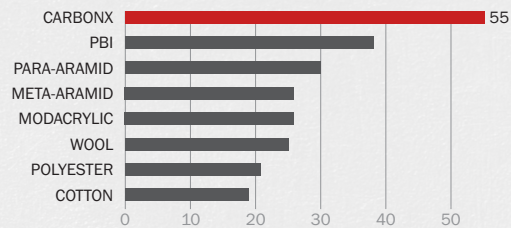
CarbonX® fabrics and apparel deliver the **highest level of protection against thermal hazards**. Inherently non-flammable and constructed using advanced proprietary technology, CarbonX products will not burn, melt, drip, ignite, shrink, or char when exposed to direct flame or extreme heat; are highly resistant to molten metal splash, flammable liquids, and certain chemicals; and provide excellent protection from arc flash hazards.

CarbonX products combine an extreme level of protection with **maximum comfort**. They are lightweight, soft-to-the-touch, and flexible, wearing much like cotton. They also breathe well, wick away moisture, and dry quickly, enhancing the wearer's comfort and productivity and reducing the potential for fatigue and heat stress.

HOW:

The superior performance of CarbonX products can be attributed to a high-performance fiber blend, which is largely comprised of Oxidized Polyacrylonitrile (OPAN) and a variety of strengthening fibers. This **patented fiber blend** provides an extraordinary level of protection and enables PPE solutions to be optimized for a wide variety of applications.

LIMITING OXYGEN INDEX (LOI) | CERTIFIED LABORATORY TESTING



DIRECT FLAME
Ultimate™



EXTREME HEAT
Active™



MOLTEN METAL SPLASH
Aluminized Solutions
MaxAir

CALL 801.415.0023 OR VISIT WWW.CARBONX.COM TO FIND THE PROVEN-BEST PPE SOLUTION FOR YOUR WORKPLACE. ASK ABOUT OUR ONSITE POUR TEST TO SEE FIRST-HAND HOW CARBONX OUTPERFORMS THE COMPETITION.

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WHO:

CarbonX is designed to protect steelworkers, welders, industrial workers, firefighters, tactical operatives, utility workers, pulp and paper mill professionals, laborers on oil and gas rigs—**any professional who routinely faces thermal hazards in high-risk work environments.**

WHERE:

For more than two decades, CarbonX has been worn in steel mills and paper mills, defending front lines, on race-tracks and electrical poles, on oil rigs and movie sets—**even over volcanoes.**

WHY:

CarbonX **significantly outperforms similarly classified FR wear**, far surpassing industry standards.

	AFTER FLAME & CHAR LENGTH	TPP	ATPV
Standard and Requirements	ASTM F1506: AF: ≤ 2 seconds CL: < 6 inches	ASTM F1506 3.0	NFPA 70 E HRC2 ≥ 8.0
CarbonX Ultimate	AF: None CL: 0.15 inches	14.8	18.0
CarbonX Active	AF: 0.2 seconds CL: 2.6 inches	10.0	10.0

CarbonX is the only choice when safety matters most.



MOLTEN SMELT/WELDING
Repel™ and Epic



ARC FLASH
Arc™



**WELDING BLANKET/
THERMAL BARRIER**
Nonwovens