

NEXT LEVEL THERMAL & MOISTURE PROTECTION.



LION[®]
ready for action

LION Exclusive Gear Liner System Provides Optimal Thermal Protection, While Keeping Your Turnouts Drier

CenterCut™ PLUS

with



GORE-TEX BARRIER
TECHNOLOGY



LION'S exclusive **CenterCut™ PLUS** with GORE-TEX Barrier Technology provides NEXT LEVEL THERMAL PROTECTION for turnout safety, comfort and flexibility, all in a lightweight package.

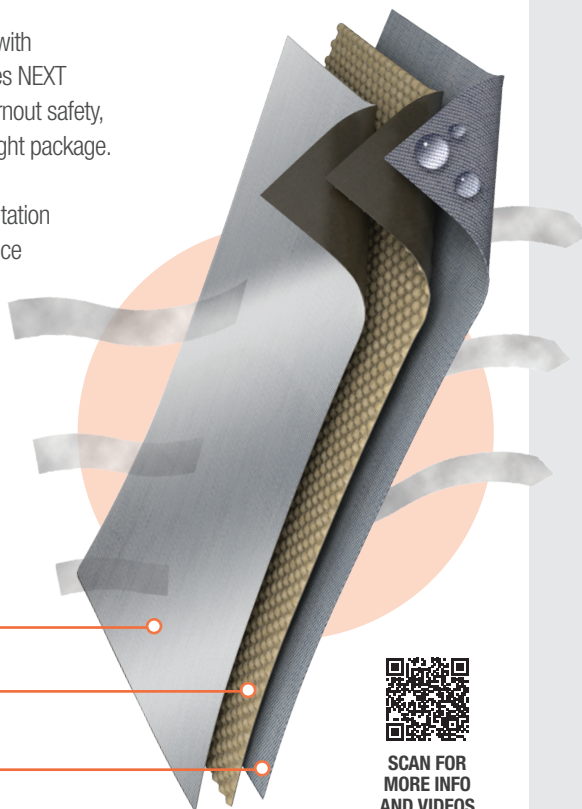
CenterCut PLUS uses a unique orientation and layering to provide the best balance of heat stress management and thermal protection, before, during, and after the fire.

CenterCut PLUS reduces heat stress and provides up to 30% more sustained thermal protection (even when wet) than a conventional liner system in a working fire.*

Glide Ice with GORE-TEX
Barrier Technology

3D Non-woven Thermal Liner
with Water Resistant Layer

DWR NOMEX® Chambray



SCAN FOR
MORE INFO
AND VIDEOS

BEST BALANCE OF HEAT STRESS MANAGEMENT AND THERMAL PROTECTION, EVEN WHEN WET:

- ▶ Provides enhanced safety by keeping the thermal insulation dry, giving greater sustained thermal protection, even when wet from water or from perspiration.
- ▶ Provides an additional 50 seconds to 2nd degree burn, when wet, over a conventional, non-IsoDri® liner system.
- ▶ Up to 10% less body burn over a conventional, non-IsoDri® liner system
- ▶ Slows stored energy thermal transfer
- ▶ High-lubricity facecloth allows for easier donning and doffing



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HOW DOES IT WORK?

CenterCut PLUS uses unique orientation and layering to provide and maintain air gaps between layers, keeping the thermal insulation dry. Air is the best insulator, so this allows the thermal layer to stay drier. A drier thermal liner slows stored thermal energy transfer.

BETTER PROTECTION THROUGH ALL PHASES



**Before
the Fire**

- ▶ High-lubricity facecloth for easy donning
- ▶ Excellent RET reduces heat stress en-route to the incident
- ▶ Moisture barrier orientation speeds evaporative cooling, keeping gear dryer even during perspiration



**During
the Fire**

- ▶ Keeps thermal liner dry during wet conditions
- ▶ Nearly one-minute additional time to second degree burn in standard working fire conditions over non-IsoDri liner system



**After
the Fire**

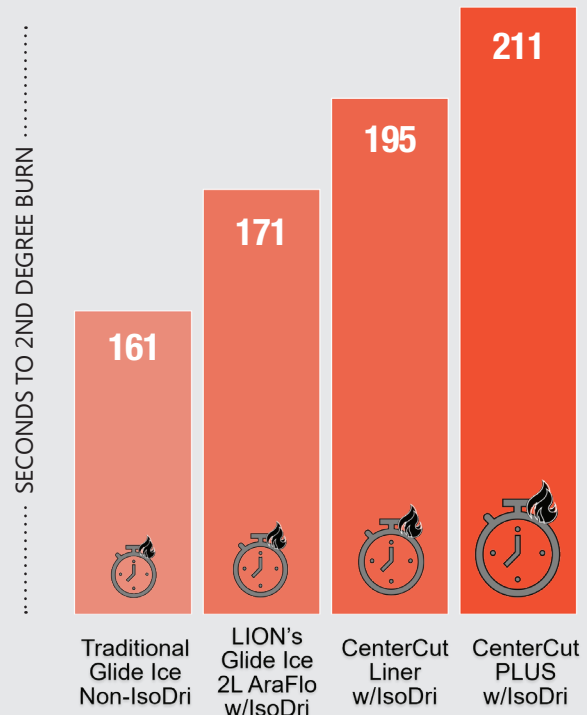
- ▶ Lowers risk of stored energy burns
- ▶ Allows for quicker recovery while fully-donned allowing for more time for preliminary exposure reduction
- ▶ High-lubricity facecloth allows for easy doffing

*Modified Stored Energy Test Method ASTM2731. No compression; wet cotton t-shirt.

LION CENTERCUT PLUS

**211
SECONDS**

CENTERCUT PLUS PROVIDES 211 SECONDS OF PREDICTED TIME TO 2ND DEGREE WHEN WET, NEARLY A MINUTE LONGER THAN TRADITIONAL GLIDE NON-ISODRI.



**30%
MORE
TIME**

over a
traditional
Glide Ice
Non-IsoDri
Liner



**50
SECONDS
MORE**

time to 2nd
degree burn
when wet



**10%
LESS**

predicted body
burn based on
pyroman testing

To learn more about LION's CenterCut PLUS liner system and other game-changing first responder PPE innovations, contact your LION sales representative or visit www.lionprotects.com.