

KEEP COOLER WHEN THE HEAT'S ON.



INNOTEX
ENERGY[™]

DUAL METABOLIC ZONE

 **INNO**
TEX

THERMOREGULATION AND THERMAL PROTECTION ALL IN ONE.

INNOTEX
ENERGY™

DUAL METABOLIC ZONE DESIGN

TO KEEP YOU SAFE,
YOUR PPE MUST PROTECT YOU
FROM THE FLAMES AND INSULATE
YOU AGAINST INTENSE HEAT.

At the same time, it must allow heat and perspiration vapor to easily escape.



Poor breathability not only lets sweat cling to your skin, leaving you damp and uncomfortable, but more importantly, it prevents your body from cooling down, which can lead to heat stress. A conventional turnout gear configuration typically requires a tradeoff between higher thermal protection (TPP) and better breathability (THL). Choosing one meant sacrificing the other: not anymore.

Through the strategic placement of materials, the patented* INNOTEX® Dual Metabolic Zone design enhances breathability without compromising overall thermal protection. Each INNOTEX® ENERGY™ coat and pair of pants can be divided into distinct zones to offer optimal thermal protection where you need it most, and maximum breathability in less exposed areas, helping to reduce heat stress. The underarms and lateral segments of the coat and the lower legs of the pants can be fitted with lighter, more breathable thermal liners and shell materials, increasing natural thermo-regulation without compromising thermal protection for the rest of the body.

THE INNOTEX® ENERGY™
DUAL METABOLIC ZONE DESIGN
KEEPS YOU COOLER WHEN
THE HEAT'S ON.

*PATENT NO. : US 10,576,312



UPPER BODY

LIGHTER, MORE
BREATHABLE
THERMAL LINERS &
SHELL MATERIALS

LOWER LEGS



innotexprotection.com

DU PONT
Kevlar | **Nomex**



GORE
CROSSTECH



TENCATE

StedAIR
PREVENT

3M | **Scotchlite**
Reflective Material

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