Why Firebane

• New Technology Fire Suppression
  – “Fluorocarbon-free, environmentally friendly, natural product-based, and safe fire extinguishing agent” patent issued 9/4/2012
  – Liquid Agent, Approved by EPA, tested by US Military
  – Capable of suppressing multiple types of fires

– Current Agents
  • Same technology last 20-30 years
  • Dry Chemicals and Gas; toxic to people, environment
  • Limited to certain types of fires which adds cost and complexity
Firebane® Product Overview

• Formerly branded as Arctic Fire Freeze®.
• Used for over a decade in steel and slag/mining industries worldwide.
• Only aqueous agent to be certified to extinguish Class A, B, D fires.
• Rapidly extinguishes and cools reactive metals, such as Titanium, Magnesium, Zirconium, Lithium.
• Non-Toxic, Biodegradable, Environmentally-Friendly*
• Safe if sprayed on humans or equipment.
• Formulas for different applications.
• Disbursement options: Off-the-shelf extinguishers or engineered suppression systems.
• Successfully passed U.S. Mil-Spec tests and EPA SNAP certifications
Protective Ability of Firebane® Pre-Coat
Titanium turnings on the ground with handheld (LA Demo)
Titanium Swarf on the ground
Titanium 55 gallon drum (Composite of LA Demo and Hamilton Burn Center tests)
Why Spentex

• Perfected Carbon based material
• Can be made as lightweight garments
• Can be heavier material as blankets and curtains
• Exceptional Fire Resistance – “raises the bar”
  – Exceptional Comfort and Breathability as garments
  – Exceptional protection against direct fire, electrical arc flash, and molten metals
Spentex® Product Overview

Spentex® High Performance (HP)
• Industry-leading performance in all three hazards categories: Flash Fire, Electrical Arc Flash and Molten Metal Splash.
• Meets and/or exceeds NFPA 2112 (Industrial Flash Fire) and NFPA 70E (Electrical Arc Flash)
• Great wicking capabilities, combined with breathability in a soft, durable fabric.
• Outstanding strength, high rating for resistance to UV degradation and excellent appearance after 100+ launderings

AVAILABLE HP COLOR: Green

Spentex® Next Generation Industrial (NGI)
• FR technology designed for workers in the petrochemical, oil & gas and electrical utility industries.
• Meets and/or exceeds NFPA 2112 (Industrial Flash Fire) and NFPA 70E (Electrical Arc Flash).
• HRC2 labeled
• Light weight FR fabric with engineered moisture management capabilities.
• Great wicking capabilities, combined with breathability in a soft, durable fabric.
• Unmatched comfort and wearability.
• Outstanding strength, high rating for resistance to UV degradation and excellent appearance after 100+ launderings
• Available in a variety of color options.

STANDARD STOCK SIZES:
Regular: S-5XL
Long: M-4XL

CUSTOM SIZE/COLOR:
Available, subject to increased delivery time and upcharge

STANDARD NGI COLORS:
Navy  Tan  Gray  Royal

CUSTOM NGI COLORS:
Red  Orange

Comfort without Compromise™
Spentex Comparison
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