

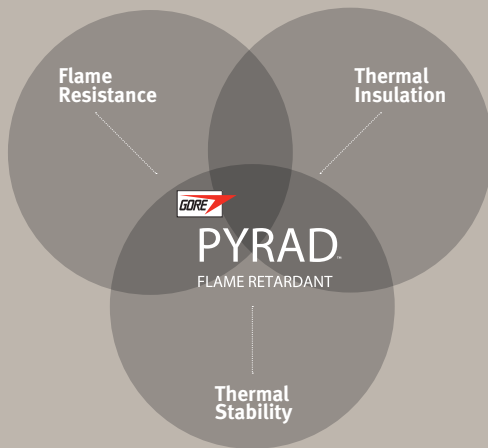


PYRAD™

FLAME RETARDANT

ENHANCED HEAT AND FLAME PROTECTION USING NON-FR TEXTILES

Designed to be the best combination of thermal protection, environmental protection, and comfort

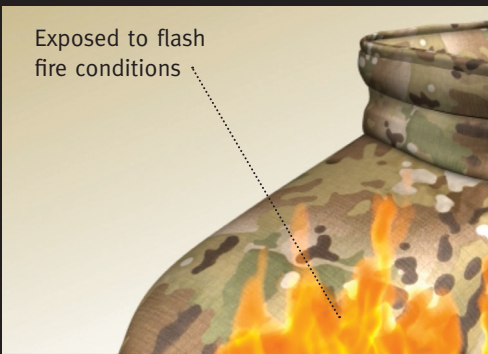


Enhanced Protection against Heat and Flame

GORE® PYRAD™ Flame Retardant is an innovative, self-extinguishing fabric technology that adds heat and flame protection properties to non-FR textiles. When laminated to nylon, polyester and other fabrics, GORE® PYRAD™ Flame Retardant provide excellent protection against heat and fire by balancing flame resistance, thermal insulation, and thermal stability.

The use of traditional non-FR textiles allows garments to leverage key attributes of the non-FR textile, such as low water pick-up, abrasion resistance, and the production of FR HI-VIS laminates. Without GORE® PYRAD™ Flame Retardant technology, traditional non-FR textiles continue to propagate flame, exhibit melting and dripping, and increase the potential of burn injury to the skin.

GORE® PYRAD™ Flame Retardant technology increases thermal protective performance and reduces potential for burn injury. It also offers an improvement in thermal stability by maintaining physical integrity after exposure.



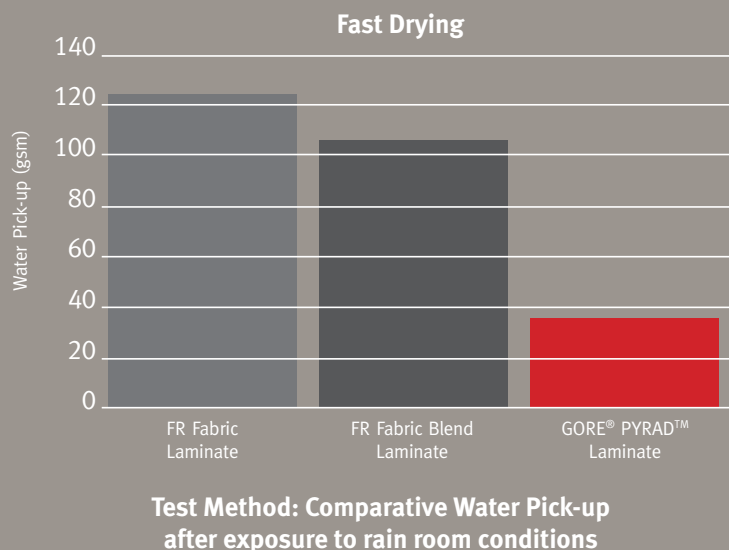
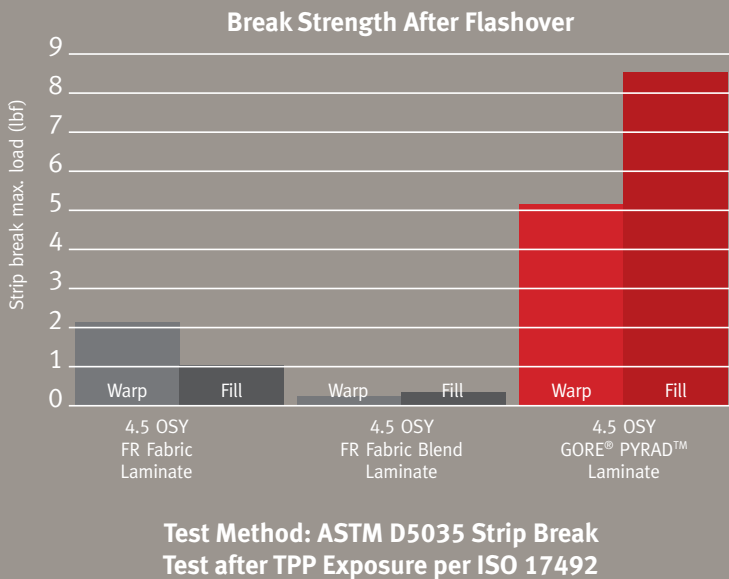
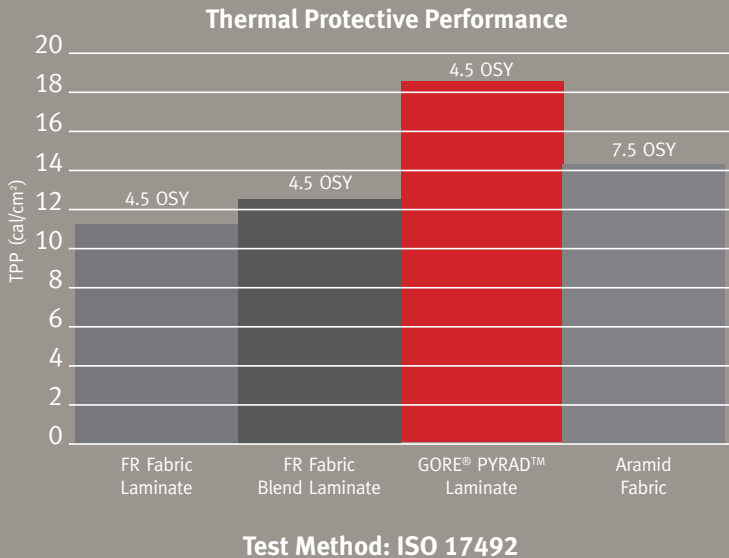
SELF EXTINGUISHING FLAME RESISTANCE

TYPICAL APPLICATIONS

- Military outerwear
- Flame-resistant workwear
- High-visibility apparel
- Tents and outdoor shelters

Benefits of GORE® PYRAD™ Flame Retardant Technology

- Enhanced flame and thermal protection combined with benefits of non-flame resistant textiles
- Meets applicable test required for self-extinguishing
- Long-lasting integrity of garment with increased thermal stability
- Increased flexibility for applications such as high visibility, anti-static, opacity, and printing



Thermal Protective Performance

GORE® PYRAD™ Flame Retardant technology delivers almost twice the level of TPP when compared to traditional FR fabrics of the same weight (oz/yd²). This technology also provides better TPP than aramid fabrics of much lighter weights (oz/yd²).

Durable Performance

GORE® PYRAD™ Flame Retardant technology maintains its excellent protective properties for the life of the garment. Its abrasion-resistant construction remains colorfast and withstands environmental conditions without compromising the garment's integrity even in cold and wet environments.

Superior Integrity After Flashover

Garments made with GORE® PYRAD™ Flame Retardant technology maintain outstanding break strength even after exposure to flashover conditions.

Flexibility in Garment Design

Unlike traditional FR fabrics, GORE® PYRAD™ Flame Retardant technology is an enabling technology that allows you to select the base fabric and additional properties that best meets the needs of your application, including:

- High visibility
- Anti-static protection
- Abrasion-resistance
- Waterproof protection
- Lightweight fabrics
- High breathability
- Fast drying



Military Fabrics