

**THE ONLY FR,
DURABLY WATERPROOF
AND BREATHABLE
RAINSUITS
WITH EXCELLENT
COLOUR DURABILITY**

GORE-TEX®
PRODUCTS

GORE

Gore is best known for its GORE-TEX® Rainsuits, designed to provide durable waterproof and windproof protection paired with optimised breathability. They can withstand severe mechanical stress and offer long-lasting and reliable protection.

Up to now, it was difficult to combine comfortable weather protection with adequate heat and flame protection properties. Understanding the need for enhanced protection, Gore is offering an innovative flame retardant technology for military garments intended for soldiers on mission.

GORE-TEX® PYRAD® PRODUCTS

WATERPROOF WINDPROOF BREATHABLE FLAME RETARDANT

**GORE®
PYRAD®**
PRODUCTS

Horizontal flame test in accordance with EN 15025, flame exposure: 10 sec.

GORE-TEX® PYRAD® RAINSUITS

Now flame retardant GORE-TEX® Rainsuits can be made of similar materials like non-FR GORE-TEX® Rainsuits which have proven to be the 1st choice of European Military forces. GORE® PYRAD® Fabric Technology up-grades the most reliable face fabric for the military to add FR protection. Upon heat and flame exposure the laminate forms a stable char to protect the user.

As a result, this innovative 2 layer laminate provides:

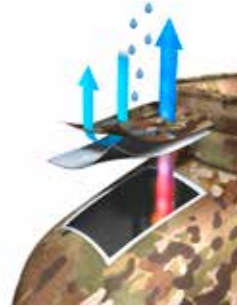
- ePTFE membrane with polyamide face fabric
- Durable waterproof and windproof protection with optimised breathability
- Durable heat and flame protection



non-FR material



2L GORE-TEX® Heat & Flame laminate with GORE® PYRAD® Fabric Technology



Garment performance under normal conditions is durably waterproof, windproof and breathable

GORE® PYRAD® FABRIC TECHNOLOGY ALLOWS THE USE OF WELL ESTABLISHED FABRICS FOR DURABLE RAINSUITS: POLYAMIDE

Polyamide Product Features

- Excellent DP printability for colour and IRR performance
- Excellent mechanical properties, like abrasion resistance, tear and tensile strength
- High colour durability even after UV-exposure, wear and wash
- Long lasting colours
- Low weight fabrics, low bulk and good packability

Benefits for the End User

- Able to meet print specifications combined with heat and flame protection
- Looks new for longer
- Excellent wear comfort due to low bulk/weight
- Durable waterproof, windproof and breathable



GORE® PYRAD® Fabric Technology

Laminate forms a stable char to protect user.



Physical integrity of laminate is maintained after heat and flame exposure even when flexed.