



LIGHTWEIGHT
**HEAT AND FLAME
GORE-TEX PYRAD[®]
GARMENTS**
WATERPROOF WINDPROOF BREATHABLE



BREATHABLE
Comfortable during
high-intensity
activities



ARC RATED PROTECTION
Class 1
Tested and proven
in Electric arc
Box-Test



FLAME RETARDANT
Durable protection
against incidental
flame exposure



LIGHTWEIGHT
in dry and wet
conditions, allowing
for quick drying

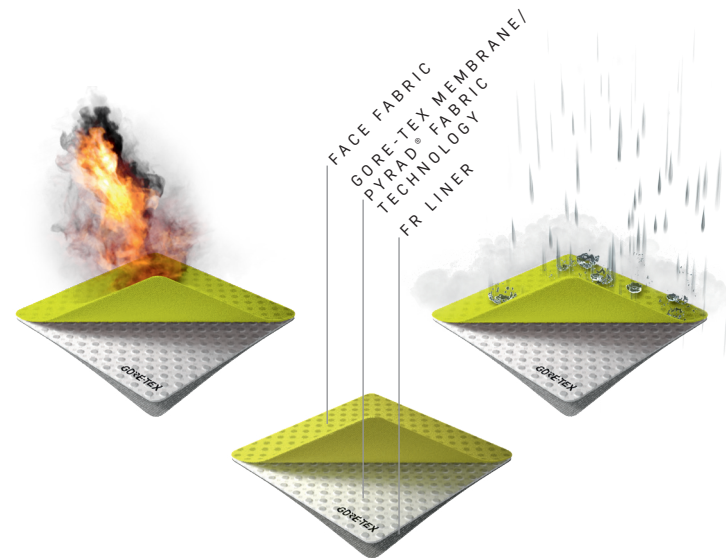
Foul weather clothing in different industries should protect the wearer from rain, cold and wind throughout their whole working shift. Moreover, many workers who are exposed to heat and flame risks need to be adequately protected. Many of the currently available materials are heavy, bulky, and absorb rain, whilst other materials do not offer sufficient protection from heat and flame.

With the GORE-TEX PYRAD® product technology, we have combined durable waterproofness with excellent protection from heat and flame. Garments are lightweight and comfortable both in dry and wet weather conditions. The robust properties, which include excellent wear & tear features, have been proven to last for many industrial laundry cycles to ensure a long product lifetime.

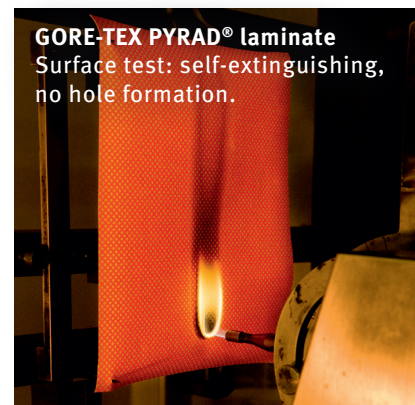
GORE-TEX PYRAD® PRODUCT TECHNOLOGY

When exposed to the thermal hazards of incidental heat and flame or electric arc flash class 1, the laminate forms a stable char that protects the wearer from burn injuries. The physical integrity of the laminate and seams is maintained as proof of the robust thermal protection of the garments.

Laminate and seams are durably waterproof, windproof and highly breathable. Approved after rain tower test (EN 14360) new and after industrial laundry (ISO 15797, 60°C).



Garment construction and styles are tested for 1 hour in heavy rain to ensure waterproofness according to EN14360.



GORE-TEX PYRAD® laminate
Surface test: self-extinguishing, no hole formation.

SAFETY STANDARDS

- ▶ Protective clothing against heat and flame, EN ISO 11612 – A1, A2, B1, C1, D1, E1, F1
- ▶ Protective clothing for use in welding and allied processes, EN ISO 11611 Class 2 A1 + A2
- ▶ Protection against rain, EN 343 + A1 Class 4/4 allowing for passing EN 14360 Raintower test
- ▶ Protection against heat and flame, EN ISO 14116 Index 3
- ▶ Protective clothing against the thermal hazards of an electric arc, IEC 61482-1-2 Class 1 (4 kA)
- ▶ High Visibility Clothing, EN ISO 20471 HI-VIS Yellow, HI-VIS Orange, HI VIS RED
- ▶ Electrostatic dissipative protective clothing, EN 1149-3/-5
- ▶ Protective clothing against liquid chemicals, EN 13034 Type 6
- ▶ Material requirements EN ISO 11612 clauses 7.2 – 7.6 and EN ISO 11611 clauses 6.8 – 6.10 tested with 120 g/m² aramide/Viscose FR (50:50) lining
- ▶ OEKO-TEX® STANDARD 100 certification



For more information visit:
goretexprofessional.com

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