

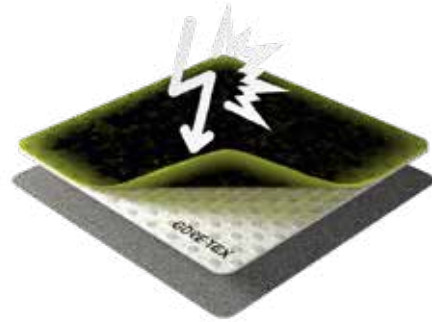
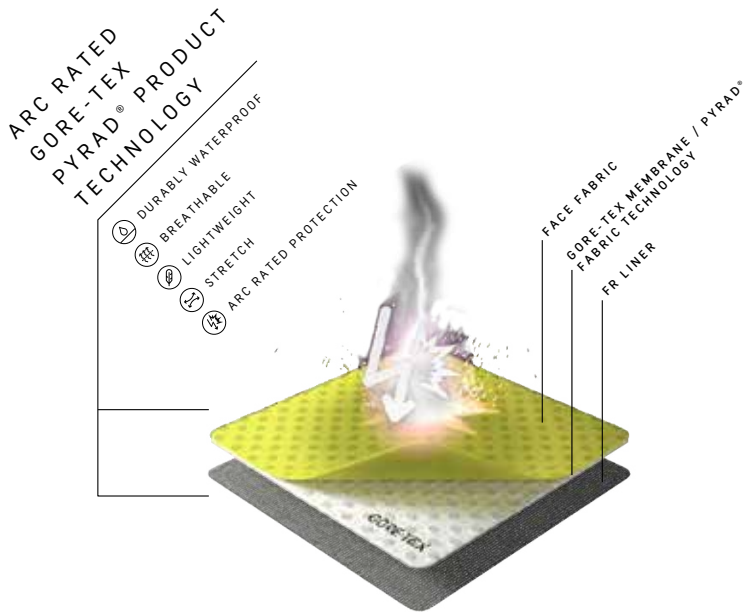


HIGH PERFORMANCE
WITH MORE FREEDOM OF
M O V E M E N T

THE NEW ARC RATED GORE-TEX PYRAD® STRETCH GARMENTS

Electricity utility workers are often exposed to the risk of an electric arc. With the new class 2 arc rated GORE-TEX PYRAD® stretch garments, they are not only protected from the dangers of this thermal hazard, but are able to bend, kneel and stretch easily due to the innovative new GORE-TEX PYRAD® stretch technology. And what's more, these garments feel noticeably softer and are remarkably quieter when worn than other existing hardshell rainwear.

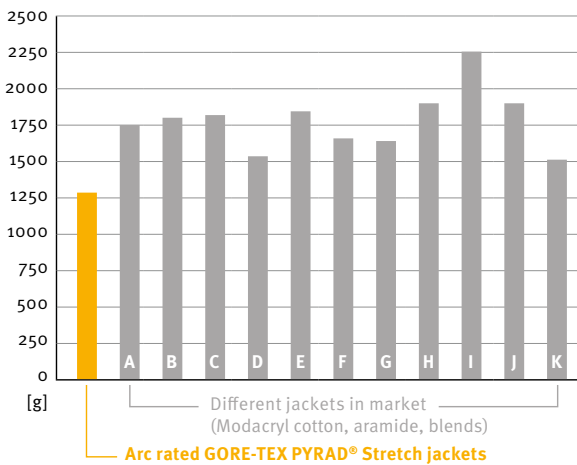
The elasticity of the laminate is determined according to EN 14704-1. At a load of 30N the new GORE-TEX PYRAD® elastic laminate achieves an elongation of $\geq 12\%$ in warp direction and a recovery, i.e. the return to its original shape, of $> 85\%$ after deformation. Conventional, non-elastic fabrics typically stretch less than 5% and recovery is poor. The elastic properties are durable and do not deteriorate in use nor in laundry.



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

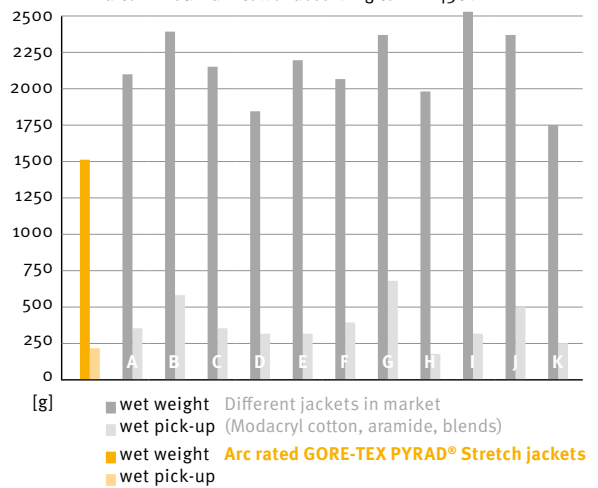
GORE-TEX PYRAD® fabric technology blocks convective heat flow during arc exposure and stops flame propagation by forming a carbonaceous char with the textile.

DRY WEIGHT OF JACKETS



WET WEIGHT / WET PICK-UP

after 1 hour rain tower according to EN 14360



NORM COMPLIANCE

- ▶ Protective clothing against the thermal hazards of an electric arc, IEC 61482-1-2:2014 class 2 (7 kA), IEC 61482-1-1:2019, arc rating (ELIM 41 cal/cm², ATPV 46 cal/cm²), tested with aramide/viscose FR (50:50) lining, tested with 120 g/m² aramide/viscose (50:50) lining
- ▶ Clothing to protect against heat and flame, EN ISO 11612 A1, A2, B1, C1, D2, E3, F1 clauses 7.2 – 7.6 (code letters B, C, D, E, F) tested with 120 g/m² aramide/viscose FR (50:50) lining
- ▶ Protective clothing for use in welding and allied processes, EN ISO 11611 class 2 A1+A2 clauses 6.8 – 6.10 tested with 120 g/m² aramide/viscose FR (50:50) lining

- ▶ High Visibility Clothing, EN ISO 20471 HI-VIS yellow, HI-VIS orange and HI-VIS red
- ▶ Protection against rain, EN 343 class 4/4
- ▶ Electrostatic properties, EN 1149-3/-5
- ▶ Protective clothing against liquid chemicals, EN 13034 Type 6
- ▶ Rain Tower Test, EN 14360



For more information visit:
goretexprofessional.com

