



PROTECTIVE CLOTHING MANUFACTURER



INHERENTLY FLAME-RESISTANT ALL-IN-ONE GARMENT FOR PROTECTION AGAINST ACID SPLASH, HEAT & FLAMES

ACI-FLAM® OFFERS WORKERS UNIQUE DUAL PROTECTION AGAINST ACID AND FLAMES!

Dual acid & flame protection

- No need to change garments or run the risk of being unprotected against one of the two hazards.
- The permanently flame-resistant fabric protects workers against acid splash including dangerous concentrated 98% sulphuric acid
- ACI-FLAM® protects emergency services workers and workers in mining and industrial acid plants alike – wherever the dual hazard of acid and flames exists.

Features

- Inherently flame-resistant.
- Fabric is unique, no holing during washing, even after being exposed to 98% sulphuric acid.
- Lightweight fabric with excellent strength-to-weight ratio.
- Lightweight ensemble in a comfortable-to-wear style.
- Cost effective – no need for multiple sets of protective clothing.

Standards

- Fabric: EN 6530.
- The ACI-FLAM® work-wear jacket and trousers comply to the relevant standards for protection against the following chemicals:

Criteria	Chemical	%	Method	Spec Requirement
Acid Resistance	Nitric Acid	55%	DIN 32763	No penetration after 10 min
Acid Resistance	Hydrochloric Acid	32%	DIN 32763	No penetration after 10 min
Acid Resistance	Sulphuric Acid	24%	DIN 32763	No penetration after 10 min
Chemical Resistance	Caustic Soda	40%	DIN 32763	No penetration after 10 min
Acid Resistance	Sulphuric Acid	98%	DIN 32763	No penetration after 10 min
Acid Resistance	Sulphuric Acid	98%	N/A	No holes after washing

Warning!

- ACI-FLAM® fabric complies with EN 531:1995 and DIN 32763, and has been tested successfully in protecting against the acids indicated in the table.
- The end user must ensure that the worker is properly protected for the intended task by wearing an appropriate set of fully protective PPE together with the ACI-FLAM® protective clothing.
- The ACI-FLAM® garments must be washed according to the attached wash care label.



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