



FIRE-PROTECTIVE IMPREGNATION

FRS FOG-IA

PFAS-free fire-protective impregnation for uniforms, textiles, cardboard & paper



FRS FOG-IA is a ready-to-use, water-based impregnation that soaks into cellulose-based fibres and absorbent materials, drying permanently within them to raise their ignition threshold and make them self-extinguishing.

HOW IT WORKS

Applied by fine-mist spray or immersion, the premix penetrates deep into the fibres and dries in place. Treated material resists ignition from sparks, tracer rounds, hot fragments and open flame, and self-extinguishes the moment the fire source is removed.

KEY BENEFITS

Self-extinguishing once the flame is removed

Raises the ignition threshold of treated materials

Ready to use - spray or immersion, no mixing

PFAS-free & non-toxic - safe once dry

Permanent protection for the item's service life

Also protects cardboard, paper & packaging

APPLICATION (spray or immersion)

Spray	Fine-mist spot treatment of items
Soak	Immersion bath for whole items
Board	~140 ml/m ² per side (~500 g/m ² board)
Dry	Protection permanent once fully dry

WHERE TO USE IT

Protective field clothing and load-bearing gear, firefighter and rescuer work uniforms, tarpaulins and covers - plus cardboard, paper and packaging. Outer layers only; not for skin-contact garments.

AT A GLANCE

Application	Spray or immersion
Form	Ready-to-use liquid
Density (20 °C)	1.20 g/cm ³
pH / freezing	6.5-8.5 • -20 °C
Fire class	A
Shelf life	3 yrs • permanent dry



PFAS-free

No PFAS or toxins



CLP: not classified

EU 2020/878 non-hazardous



EN ISO 11612 • 469

Textile & PPE standards