

# PROTECH



TECHNICAL TEXTILES FOR  
PERSONAL AND PROPERTY PROTECTION

## DEFINITION

Technical textiles designed to protect people and property from hazards such as heat, flame, ballistics, chemicals, and weather.

## TYPES OF PROTECH PRODUCTS

### Personal Protective Equipment



Firefighter Suits



Bulletproof Vests



Chemical Protection Suits



Cut-Resistant Gloves



Visibility



Environmental Protection

## FUNCTIONS



Thermal Protection



Ballistic Protection



Chemical Protection



Cut Resistance



Visibility



Environmental Protection

## MATERIALS

### High-performance fibers

- Aramids (Kevlar<sup>®</sup>, Nomex<sup>®</sup>)
- UHMWPE (Dyneema<sup>®</sup>, Spectra<sup>®</sup>)
- PBI, Carbon Fiber
- Basalt Fiber

### Coated fabrics

- PVC, PU, silicone

## APPLICATIONS



Fire Services



Defense & Law  
Enforcement



Fire Services



Construction

