

PRODUCT DATA SHEET

CHEMICAL SPLASH PROTECTIVE CLOTHING

CHEM-TECH® Chemical Splash clothing allows your body to "breathe" so your sweat can evaporate, reducing the possibility of heat stress.

CHEM-TECH® Coat

- Hip length style Z59 comfort system
- Fold away good with draw string closure and peak adjuster strap
- Heavy duty zip with Velcro closure
- Two large cargo pockets
- Internal draw string waist to ensure close fit
- All seam heat sealed with seam sealing tape

CHEM-TECH® Bib and Brace Trousers

- Bib and brace design to ensure complete layered protection
- Side Velcro tab adjusters
- Velcro closure tabs on pockets
- Large Pockets
- All seams heat sealed with seam sealing tape

CHEM-TECH® Apron

- Adjustable neck and waist straps
- Side release buckles for quick release
- Comfortable, lightweight and breathable
- 1060mm x 610mm



CTA100
CHEM-TECH®
APRON



CTBB100
CHEM-TECH® BRACE &
BIB TROUSER
SIZES: S-4XL



CTJ100T
CHEM-TECH® JACKET
WITH HIGH-VIS TAPE
SIZES: S-4XL



CTJ100
CHEM-TECH® JACKET
SIZES: S-4XL

CHEMICAL SPLASH PROTECTIVE CLOTHING

PRODUCT CODE	DESCRIPTION	SIZE
CTJ100	JACKET	S-4XL
CTJ100T1	JACKET WITH HIGH-VIS TAPE	S-4XL
CTJ105	FRAS JACKET	S-4XL
CTJ105T1	FRAS JACKET WITH HIGH-VIS TAPE	S-4XL
CTBB100	BRACE & BIB TROUSER	S-4XL
CTBB100T1	BRACE & BIB TROUSER WITH HIGH-VIS TAPE	S-4XL
CTBB105	FRAS BRACE & BIB TROUSER	S-4XL
CTBB105T1	FRAS BRACE & BIB TROUSER WITH HIGH-VIS TAPE	S-4XL
CTA100	APRON	NA
CTA105	FRAS APRON	NA

The Chem-Tech® range of fabrics allows vapour to transfer through the fabric while preventing liquid penetration by a variety of chemicals. Chem-Tech® Chemical Splash Protective Clothing allows the body to breathe, so your perspiration can evaporate reducing the possibility of heat stress and therefore improving wear comfort.

Material Data Specification

CHEM-TECH
CHEMICAL SPLASH PROTECTIVE CLOTHING

CHEM-TECH^{FRAS}
CHEMICAL SPLASH PROTECTIVE CLOTHING
Anti-Static Flame Resistant

Outer Fabric	300D Polyester 100%	300D Polyester 98% carbon fibre 2%
Membrane	An expanded- PTFE membrane providing liquid chemical penetration resistance and moisture vapour performance. A PU Hydrophilic Coating is applied to further improve the performance and increase the chemical hold out performance.	An expanded- PTFE membrane providing liquid chemical penetration resistance and moisture vapour performance. A PU Hydrophilic Coating is applied to further improve the performance and increase the chemical hold out performance.
Inner lining	Tricot knit to provide additional durability and protection of the inner membrane and PU Coating.	Tricot knit to provide additional durability and protection of the inner membrane and PU Coating.
Fabric Weight	320 gsm	320 gsm

Compliance or Certification

Chem-Tech

Chem-Tech FRAS

High Visibility AS4602.1999 EN471:2008	High visibility safety garment High visibility clothing for professional use	Certified Compliant	Certified Compliant
Anti Static EN1149-1:1995	Surface Resistivity of Fabric test method	NA	Compliant 1.4 X 10 ⁹ Ohms
Flame Resistance AS2755.1-1985	Textile fabrics - Burning behaviour Determination of ease of ignition of vertically oriented specimens	NA	No Ignition

Liquid Chemicals

AS/NZS ISO 6530-2006 Protection Against Liquid Chemicals

This ISO internationally-recognised test performance method is a measurement of chemical penetration, absorption and repellency for chemical fabrics and materials

Test Liquid	%	Penetration		Repellency		Absorption	
		Length	Width	Length	Width	Length	Width
Hydrochloric Acid	37	0.0	0.0	91.2%	90.7%	3.4	3.4
Sodium Hydroxide	40	0.0	0.0	98.4%	99.2%	0.46	0.5
Jet Fuel A1	100	0.0	0.0	75.6%	75.0%	16.2	18.1
Sulphuric Acid	98	0.0	0.0	96.3%	96.9%	4.0	3.83
Nitric Acid	50	0.0	0.0	91.7%	91.3%	4.6	4.6

AS3765.1:1990	Resistance to Liquid Penetration (General Purpose) Appendix A – AS3765.1 testing is terminated at 60min.	Sulphuric Acid 98%(conc) Nitric Acid 40% Sodium Hydroxide 12.5M Toluene Tetrachloroethylene	>60 minutes >25 minutes >60 minutes >30 minutes >15 minutes
GB12012-1989	Further testing was completed to GB12012-1989 by a Certified Chinese Laboratory to determine extended resistance times.	Sulphuric Acid 98% Nitric Acid 40% Hydrochloric Acid 30%	>180 minutes >160 minutes >157 minutes

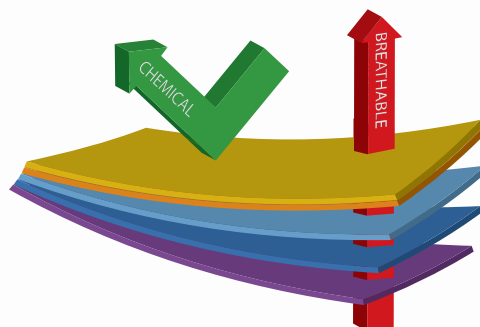
CHEM-TECH
CHEMICAL SPLASH PROTECTIVE CLOTHING

CHEM-TECH^{FRAS}
CHEMICAL SPLASH PROTECTIVE CLOTHING
Anti-Static Flame Resistant

Chem-Tech® Barrier Technology

Chem-Tech® Chemical Splash Protective Clothing is made from a high performance, high quality 5 layer breathable fabric manufactured specifically for the requirements of chemical splash protection.

Learn more about Chemtech Chemical Splash Protective Clothing at elliottaustralia.com



Chem-Tech® Fabric Layers

- Chemical, Oil, Soil Repellant treatment on the Outer Fabric
- 300D Oxford Outer Fabric
- Moisture Vapour Permeable PU Hydrophilic Coating
- Moisture Vapour Permeable Microporous PTFE Film Membrane
- Tricot Nylon Knit Liner