HEAT PROXIMITY & CHEMICAL PROTECTION

SCA 1800

Chemical Protective Suit — Type 1a KFI · KC · KOSHA · Flash fire tested

MODEL · SCA 1800



OVERVIEW

Gas-tight chemical protective suits: SCA 1800KY, 1800ET-RK and 1800ET-LK.

Our chemical protective suits feature a laminated structure of flame-retardant rubber and multi-layer film, delivering superior resistance to flames, heat and chemicals. The respirator can be integrated either inside or outside the suit, and the adjustable inflation system can connect to an external air supply, significantly reducing heat stress and enabling continuous operation. The flame-retardant fabric meets KOSHA and KFI standards for liquid, gas and flash-fire hazards.

Type 1a	> 60 min	230°
gas-tight / Level A	permeation, 15 test chemicals	field of view visor

FUNCTIONS / FEATURES

06 FEATURES

01

Flame-retardant Fabrics

1800KY and 1800ET-RK: laminated flame-retardant rubber and barrier film for heat and chemical resistance.

02

Chemical-resistant Zipper

Rubber combined with an additional barrier laminate.

03

Ventilation

Regulating valve with 3 ventilation levels minimises heat stress.

04

Glove Attachment System

Three-layer chemical protective gloves on a bayonet ring system for quick exchange, secured with a locking pin.

05

230° Wide Field of View

Anti-fog film inside the front window; two sizes (M/L).

06

Footwear

DUNLOP 16" Hazmax protective boots.

Specifications are subject to change without prior notice for product improvement. Values are typical and based on manufacturer and certification test data. · Rev. 2026-10

SCA 1800 Chemical Protective Suit — Type 1a

SPECIFICATION

SCA 1800

MODEL COMPARISON

	SCA 1800KY	SCA 1800ET-RK	SCA 1800ET-LK
Level	Level A	Type 1a	Type 1a
Material	Multi-layer rubber	Multi-layer rubber	Multi-layer film
Re-usable	Yes	Yes	Limited
Flash fire test	O	O	X
Standard	KFI	KC	KC

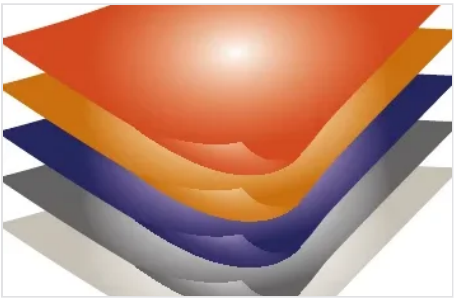
PERMEATION RESISTANCE (> 60 MIN)

Group	Chemicals
Liquids	Methanol, acetone, acetonitrile, dichloromethane, carbon disulfide, toluene, diethylamine, tetrahydrofuran, ethyl acetate, n-hexane, sodium hydroxide **40**%, sulfuric acid **96**%
Gases	Ammonia **99.99**%, chlorine **99.5**%, hydrogen chloride **99.0**%

KOSHA: Korea Occupational Safety and Health Agency.

PRODUCT DETAILS

06 VIEWS



01 Flame-retardant Fabrics



02 Chemical-resistant Zipper



03 Ventilation



04 Glove Attachment System



05 230° Wide Field of View



06 Footwear

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