PACFIRE

'TOTAL PROTECTION' FLASH HOOD

STRUCTURAL FIREFIGHTING

MSA BRISTOL TOTAL PROTECTION FIREFIGHTING FLASH HOOD

Studies into responder health suggest that the flash hood is the most penetrable piece of protective clothing worn by the firefighter, with the face and neck identified as areas of significant dermal exposure to potential carcinogens.

The MSA Bristol 'Total Protection' Nomex® Nano Flex flash hood has been proven to be 99.8% successful at filtering particulates while remaining lightweight, soft and breathable. Minimal sound is produced through head movement resulting in optimal situational awareness for the firefighter.

A. DESIGN: Separate head with sewn on back and front bib. Back of head ends at the nape of the neck.

B. LAYERS: Head: 2 Layer | Bib: 2 Layer.

C. CONSTRUCTION: All head and bib seams are sewn with a flat lock stitch.

D. FABRIC: PBI® and Kevlar® fibres with viscose in a knitted fabric featuring Dupont™ Nomex® Nano Flex particulate barrier fabric.

E. THREAD: 100% Red Nomex®.

F. LABELS: Label heat applied flat to the inside of the hood, identifying country of manufacturer, manufacturer's name, model name and number, date of manufacture, certification statement, batch number, care instructions, composition, size and unique identifier (barcode) for managed services. Location for wearer to record name and service number.

G. RFID: Hood can be fitted with RFID chip by the manufacturer (optional).

PRODUCT CODE	BRISTOLHOOL11
APPLICATION	Structural Firefighting
SIZES	Medium & Large (crown size exceeding 57cm - pictured)
COLOURS	Tan with red stitching
WEIGHT	Medium 147g | Large 157g
RET	7.48 M^2Pa/W (mean)
HEAT TRANSFER Flame	HTI_{24} = 15.7 sec $HTI_{24\text{-}12}$ = 5.2 sec
Radiation	RECEIVED $RHTI_{24}$ = 29.4 $RHTI_{24\text{-}RHTI12}$ = 12.6 AFTER PRE-TREATMENT $RHTI_{24}$ = 29.5 $RHTI_{24\text{-}RHTI12}$ = 13.2
DIMENSIONAL CHANGE	+/- 3.2%
MATERIAL BURST STRENGTH	750 kPa (mean)
PARTICULATE-BLOCKING EFFICIENCY (0.1 TO 1.0 MICRONS)	99.8%
CERTIFICATION	EN 13911:2017