



PBH99

Cover. Resist. Protect.

Bullard's Front-line Defense Particulate Barrier Hood

Features and Benefits

The **Bullard PBH99** is your front-line protection against the hazards you don't see, helping to block potentially carcinogenic particulates on the fire scene. Meets UL certification to NFPA 1971, 2018 edition.

COVER: Our unique seven panel design gives you a more comfortable and secure fit around the head, neck, and shoulders.

RESIST: PBH99 gives firefighters confidence that over 99% of the carcinogenic particulates found on the fire scene are being blocked, while allowing air to flow through the hood.

- Interior Trilaminare Layer: PBH99 materials are Nomex®, Lenzing, and Stedair PREVENT® for on-scene protection.
- Exterior Layer: 20% Nomex, 80% Lenzing.

PROTECT: PBH99 offers firefighters a barricade to toxic carcinogenic smoke particles for protection around the head, neck, shoulders and transfers heat away from the firefighter's face.

Bullard Cares Mission portfolio of cancer mitigation products includes the Decon Cloths, Cares Kit, and now the PBH99 Hood. Learn more at: www.bullard.com/wecare.



How to Measure For Your Size Hood

Distance to measure to determine size. Size corresponds to chart below.

Part Number	Size	Description
PBHWML24	ML 6 3/4"	Particulate Barrier Hood, ML (Case of 10)
PBHWXL24	XL 7 1/4"	Particulate Barrier Hood, XL (Case of 10)





PBH 99

We Got You Covered.



PREVENT

Blocks 99.19%* of particulates and offers an ideal balance with a Thermal Protective Performance (TPP) of 20.4 cal/cm² while maximizing the Total Heat Loss (THL) of 407.5 W/m².

*Particulate Blocking: Blocks 99.19% of particles from 0.1 to 1.0 µm.



THE PERFECT FIT

Heavy-Duty 1/2" elastic sewn into the face opening. Form fitting material allows for a comfortable fit and expands to hug facial features.

COMFORT

Seven panel design gives you a more comfortable and secure fit around the head, neck, and shoulders to prevent excessive bunching.

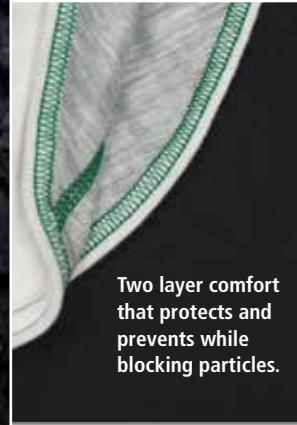
FULL COVERAGE

Helps to protect vulnerable areas more fully, with coverage around the shoulders.



DURABILITY

Reinforced flatlock stitching.



Two layer comfort that protects and prevents while blocking particles.

MOBILITY

Expansive range of movement - 24" in length.

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Feature Technical Specifications

The **Bullard PBH99** blocks 99.19% of particulates and offers an ideal balance with a Thermal Protective Performance (TPP) of 20.4 cal/cm² while maximizing the Total Heat Loss (THL) of 407.5 W/m².

Test & Conditioning	NFPA 1971-2018 Requirement	PBH99
Particulate Blocking Test for each particle size range from 0.1 - 1.0 micron (as received)	≥ 90%	99.19%
Particulate Blocking Test for each particle size range from 0.1 - 1.0 micron after 10 wash/dry, heat conditioning, room conditioning, 10/wash/dry, heat conditioning, room conditioning	≥ 90%	98.77%
Total Heat Loss (THL) As Received	≥ 325 W/m ²	407.5 W/m ²
Thermal Protective Performance (TPP) As Received	≥ 20 cal/cm ²	20.4 cal/cm ²
Thermal Protective Performance (TPP) After 5 Washes	≥ 20 cal/cm ²	30.5 cal/cm ²
Hood Material Burst Strength Interior Layer	≥ 225 N	383N
Hood Material Burst Strength Exterior Layer	≥ 225 N	413N
Seam Breaking Strength	≥ 181 N	794N
INTERIOR LAYER		
Flame Resistance Test 1 - After Flame (as received)	≤ 2 seconds	0 seconds
Flame Resistance Test 1 - After Flame (after 5 washes)	≤ 2 seconds	0.3 seconds
Flame Resistance Test 1 - Char Length (as received) (wales x course)	≤ 100mm	62mm x 84mm
Flame Resistance Test 1 - Char Length (after 5 washes) (wales x course)	≤ 100mm	63mm x 69mm
EXTERIOR LAYER		
Flame Resistance Test 1 - After Flame (as received)	≤ 2 seconds	0 seconds
Flame Resistance Test 1 - After Flame (after 5 washes)	≤ 2 seconds	0 seconds
Flame Resistance Test 1 - Char Length (as received) (wales x course)	≤ 100mm	29mm x 35mm
Flame Resistance Test 1 - Char Length (after 5 washes) (wales x course)	≤ 100mm	42mm x 50mm



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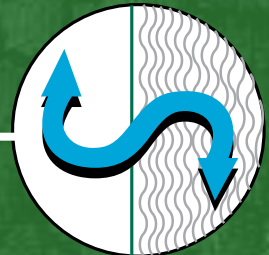
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Protection Layered in Prevention

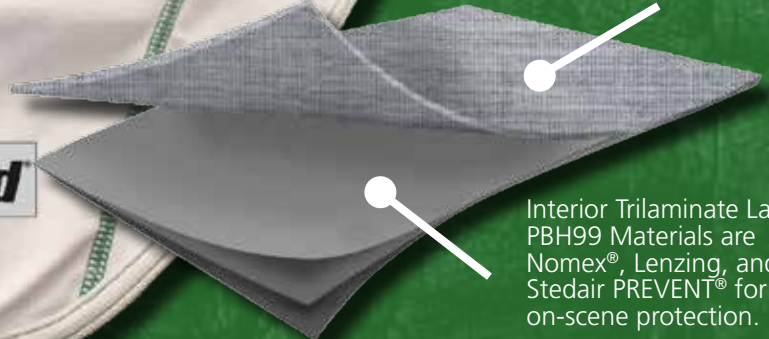


Air Permeable



Blocks 99.19% of particles from 0.1 To 1.0 μm

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Interior Trilaminar Layer: PBH99 Materials are Nomex®, Lenzing, and Stedair PREVENT® for on-scene protection.

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