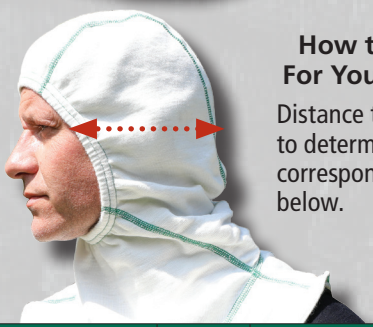
Bullard®

PBH99

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	NFPA1971-2018 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/m2	407.5 W/m2
Thermal Protective Performance (TPP) As Received	≥ 20 cal/cm2	20.4 cal/cm2
Thermal Protective Performance (TPP) After 5 Washes	≥ 20 cal/cm2	30.5 cal/cm2
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



How to Measure For Your Size Hood

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

Part Number	Size	Description
PBHWHML24	ML 6 3/4"	Particulate Barrier Hood, ML (Case of 10)
PBHWHXL24	XL 7 1/4"	Particulate Barrier Hood, XL (Case of 10)

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PBH99

Made in the USA

Protection Layered in Prevention

Air Permeable

Blocks 99.19% of particles from 0.1 To 1.0 µm

Exterior Layer: 20% Nomex, 80% Lenzing.

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

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