



# FireCraft® Safety Products

## FireCraft® Hood Comparison Chart

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Fabric	100% Nomex	Nomex Blend	PBI	Carbon
<b>Color</b>	White – Rib Knit	White - Rib Knit	Light Brown - Rib Knit	Black - Rib Knit
<b>Item #</b>				
• Standard	• Hd-Nmx100	• Hd-NmxBI	• Hd-PBI	• Hd-C6
• Flared Long	• Hd-Nmx100-FL	• Hd-NmxBI-FL	• Hd-PBI-FL	• Hd-C6-FL
<b>Material Composition</b>	100% Nomex	20% Nomex / 80% Lenzing FR	20% PBI / 80% Lenzing FR	tri-blend yarn for added strength/durability
<b>Material Weight</b> <i>approx.</i>	8.2 oz. / sq. yd.	7.2 oz. / sq. yd.	6.4 oz. / sq. yd.	6.5 oz. / sq. yd.
<b>Material Properties</b>	<ul style="list-style-type: none"> <li>• Heavier weight material</li> <li>• Favorable in cooler climates</li> <li>• DuPont name known in the industry (“old reliable”)</li> </ul>	<ul style="list-style-type: none"> <li>• Most economical option</li> <li>• Favorable in hot climates</li> <li>• Available in a variety of colors</li> </ul>	<ul style="list-style-type: none"> <li>• Lightest weight material that is NFPA compliant</li> <li>• Everyone knows the material (has been proven in the fire industry; “old standby”)</li> </ul>	<ul style="list-style-type: none"> <li>• 4<sup>th</sup>-generation advanced technology</li> <li>• Excellent protection against extreme radiant &amp; electric arc heat – will not ignite, melt, char or stiffen</li> </ul>
<b>TPP (Thermal Protective Performance)</b>	25 cal/cm <sup>2</sup> (NFPA minimum is 20)	26 cal/cm <sup>2</sup> (NFPA minimum is 20)	27 cal/cm <sup>2</sup> (NFPA minimum is 20))	31.8 cal/cm <sup>2</sup> (NFPA minimum is 20)
<b>Moisture Management</b>	<ul style="list-style-type: none"> <li>• Fabric designed to wick moisture away from skin</li> </ul>	<ul style="list-style-type: none"> <li>• Light weight material for body cooling down process</li> </ul>	<ul style="list-style-type: none"> <li>• Light weight material for body cooling down process</li> </ul>	<ul style="list-style-type: none"> <li>• Best moisture wicking and breathability</li> <li>• Reduces the risk of heat stress and fatigue</li> </ul>
<b>Comfort</b>	<ul style="list-style-type: none"> <li>• Heavy weight for added thermal protection</li> <li>• Nice feel against skin</li> <li>• Rib knit provides stretch</li> </ul>	<ul style="list-style-type: none"> <li>• Soft as cotton</li> <li>• Light weight</li> <li>• Rib knit provides stretch</li> </ul>	<ul style="list-style-type: none"> <li>• Light weight</li> </ul>	<ul style="list-style-type: none"> <li>• Disperses heat evenly</li> <li>• Low heat conductivity</li> <li>• Delays transmission of heat</li> <li>• Does not absorb odors</li> </ul>
<b>Stability of Material / Washing</b>	<ul style="list-style-type: none"> <li>• Easily passes the NFPA Cleaning Shrinkage test</li> <li>• Retains shape after washing</li> </ul>	<ul style="list-style-type: none"> <li>• Easily passes the NFPA Cleaning Shrinkage test</li> <li>• Retains shape after washing</li> </ul>	<ul style="list-style-type: none"> <li>• Passes the NFPA Cleaning Shrinkage test</li> </ul>	<ul style="list-style-type: none"> <li>• Finished to minimize shrinkage</li> <li>• Easily passes the NFPA Cleaning Shrinkage test</li> <li>• Superior dimensional stability (shape retention)</li> </ul>
<b>Anti-Static</b>	--	--	--	<ul style="list-style-type: none"> <li>• Anti static - less static buildup and discharge</li> </ul>