









BUYER'S GUIDE: CHOOSING THE RIGHT RAINWEAR









Exterior Coating	Characteristics	Applications
 <p>PVC</p>	PVC is inexpensive, durable, waterproof, windproof, and chemical resistant. Its breathability is poor.	<p>Protects against many acids, alcohols, alkalis, bases, oil and petroleum hydrocarbons.</p> <p><u>Industry:</u> Construction, Food Processing, Manufacturing, and Raw Material Processing.</p>
 <p>Polyurethane</p>	Polyurethane is a synthetic polymer. It is a lighter weight material that has great breathability and durability.	<p>Provides abrasion resistance and protects against animal fats and oils.</p> <p><u>Industry:</u> Construction, Critical Environments, Energy, Food Processing, Manufacturing, and Raw Material Processing.</p>
 <p>Neoprene</p>	Neoprene is more expensive than PVC and polyurethane and found in higher-end rainwear. It is tough and durable, as well as windproof and waterproof.	<p>Provides abrasion resistance, chemical resistance and a temperature barrier.</p> <p><u>Industry:</u> Construction, Critical Environments, Energy, Food Processing, Manufacturing, and Chemical Processing.</p>
 <p>Polyethylene</p>	Polyethylene is easily made into flat thin products, such as ponchos. It is disposable and waterproof.	<p>For emergency weather protection.</p> <p><u>Industry:</u> Construction, Food Processing, Manufacturing, and Recreation.</p>

Sleeve Design	Features
 <p>Raglan</p>	Sleeve is cut using a different pattern from the jacket body and attached to the garment at an angle. Normally tempered sleeves. Great for everyday activities.
 <p>Batwing</p>	Sleeve allows exceptional movement of shoulders. Sleeve is spacious at the arm hole and snug at the wrist. Where arm mobility is needed, this sleeve allows the wearer to lift their arms above the shoulder.

Hood Design	Features
 <p>Integrated/Attached</p>	Hood is permanently attached to the body of the garment and minimizes the risk of losing the hood.
 <p>Detachable</p>	Hood is not permanently attached to the body of the garment and can be removed by the wearer.

Rainwear Bottoms	Features
 <p>Bib Coveralls</p>	Length of garment is stabilized using all elastic adjustable suspenders, which prevents trips and falls. The bib front also provides extra protection around the abdominal area.
 <p>Waist Pants</p>	Allows for frequency and ease of putting on and removing of pants.

Seam Sealing	Definition
 <p>Seam Sealing Process</p>	A process in which the stitch line of the garment is made leakproof by the application of seam tape or is heated.
 <p>Stitched and Taped Seam</p>	Seams are stitched and then a waterproof tape is heat sealed over the stitching, making the seams waterproof.

Closures	Features	Closures	Features
 <p>Button Front</p>	Button or closure mechanism placed in the Storm Fly Front to secure extra coverage for the overlapped area.	 <p>Storm Fly Front</p>	A panel built into the front of the jacket that blocks the water or contaminants from blowing through the front closure.
 <p>Plain Front</p>	No vent or opening in the front of the garment.	 <p>Drawstring</p>	Provides an option to reduce the opening of the rainwear and reduce the exposure to the elements.

Interior Backing	Characteristics	Applications
Polyester	Polyester is great for its strength and quick dry wicking.	Provides great mildew resistance.
Nylon	Nylon is lightweight, comfortable and breathable. It has superior strength, toughness and drying characteristics.	Provides good puncture and tear resistance.

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