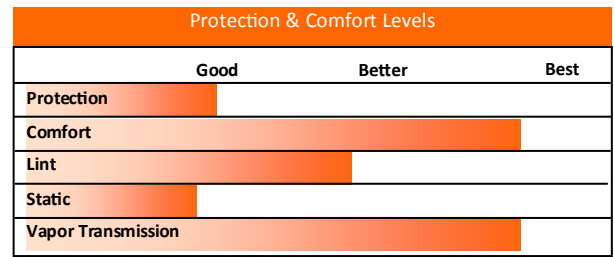


Guide to Protective Barrier Materials

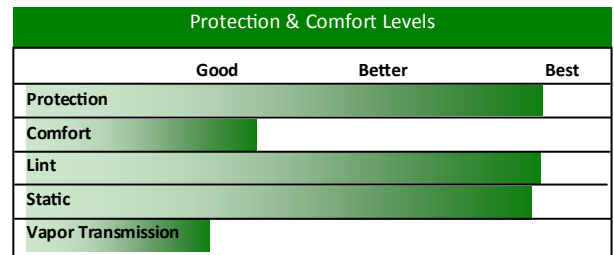
Spunbond Polypropylene

Economical and comfortable, this standard fabric is a very popular choice for basic protective apparel requiring routine light spray and particulate protection. Protective barrier properties are formed by bonding fibers together to form a single layer of breathable, woven-like material. Spunbond polypropylene is economical, lightweight and comfortable.



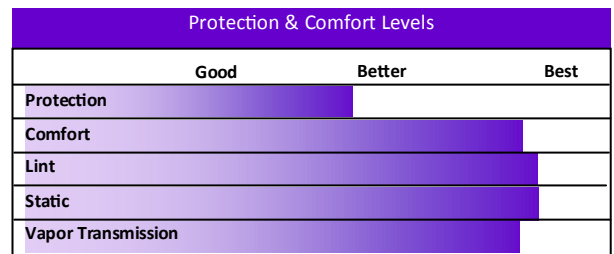
PE Coated Polypropylene

This fabric is a very popular choice for protective apparel requiring a high level of fluid and particulate protection. Protective barrier properties are formed by bonding fibers together to form a single layer of breathable, woven-like material with an outer layer of impervious polyethylene film.



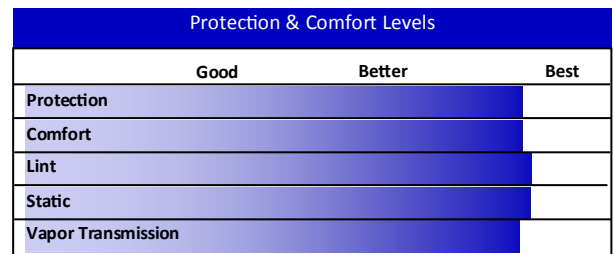
SMS Multi-Ply Tri-Laminate

This drapable fabric is appropriate for extended wear situations involving low to moderate fluid and particulate protection. Protective barrier properties consist of inner layers of meltblown polypropylene sandwiched between outer layers of spunbond polypropylene. Strong, fluid-resistant and breathable, this embossed multi-layer material provides an optimal mix of protection and comfort.



Breathable Microporous Laminate

This fabric is appropriate for extended wear situations involving fluid, chemical and particulate proof protection. Protective barrier properties consist of a thin layer microporous film thermal bonded to nonwoven substrate material. Composite structures enable water vapor (perspiration) and air to pass through, yet restricts liquid flow. The breathable back sheets composites have a cloth like touch and are broadly used as the back sheet layer of premium diapers. This material provides economic relief to Tyvek® garments.



Non-Woven Spunlace

This lightweight fabric is appropriate for extended wear situations involving routine light spray and particulate protection. This high-end, non-irritating, ultra soft fabric offers advanced comfort and aesthetic properties similar to cloth. Protective barrier properties consist of a unique bi-component process using proprietary Advanced Composite Technology and is highly breathable. Used in hygiene sectors such as interlining substrates for face masks, wet wipes, surgical gowns, surgical drapes, panty liners, training pants and medical gauzes.

