H.B. Fuller | Connecting what matters.™

CASE STUDY

Full-Care™ 5220 to meet our customers requirement to laminate nonwoven fabrics for disposable medical garments

Our lower-application-temperature adhesives can help to minimize the risk of burn-through on thinner substrates.

As the demand for medical supplies increases across the world, manufacturing facilities are doing everything they can to help to provide and produce personal protection equipment (PPE). PPE forms a barrier between an individual and airborne debris. Adhesives are a preferred method for bonding and sealing PPE because they form a reliable seal without puncturing the substrates.

One of our customer invested in a new line to produce medical garments for disposable surgical gowns which are assembled by laminating two nonwoven pieces to both sides of a barrier film.

The company was looking for a low-application-temperature construction adhesive that is able to bond their nonwoven fabric with high bond strength and lightest colour while not burning through the PP film.

We selected our lower-application-temperature adhesive, Full-Care 5220™, to meet performance needs.
Lower application temperatures also can improve safety and reduce the wear and tear on line machinery. We offer several lower-application-temperature adhesives that drive sustainability and safety for the manufacturers. H.B. Fuller's technical experts continue to innovate, making sustainability an easy choice.

Click here to learn more about our innovative adhesive that enables bonding of thinner substrates