

Since its introduction in 2003, Suprel™ has quickly become synonymous with “uncompromising comfort” because it:

- Offers superior barrier performance compared to other O.R. gown fabrics, providing you with a high level of protection. (Figure 1)
- Is much stronger than other O.R. gown fabrics, eliminating the need to worry about sleeves tearing out when you are gowning and gloving. (Figure 2)
- Features a silky smooth texture that glides easily without catching or grabbing, giving you incredible freedom of movement that cannot be achieved with polypropylene SMS fabrics.
- Helps transfer heat from your body fast, keeping you cool and comfortable. (Figure 3)
- Is very low linting, minimizing the risk of introducing particulates into the O.R.
- Meets the Standard for Flammability of Clothing Textiles CPSC 16 CFR Part 1610.
- Earns an AAMI level 3 protection rating based on performance of gowns made with a single layer of Suprel™

As you can see in Figures 1 through 3, Suprel™ outperforms KC Ultra® and Cardinal Astound® in standardized protection and comfort tests. Outside the lab, Suprel™ continues to outperform the competition. O.R. nurses who have tried gowns made of this innovative new fabric overwhelmingly prefer Suprel™ compared to the gown that they have been wearing.

Figure 1: Barrier Properties

Standard: AATCC 127, IST 80.6-01
Higher rating = better

DuPont™ Suprel™ provides superior resistance to liquid penetration.

Test method:
Hydrohead
Units: (cm water)

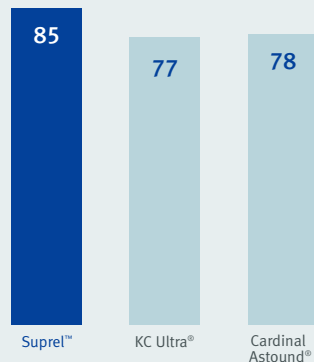


Figure 2: Strength Properties

Standard: ASTM D 5034-95, IST 110.1
Higher rating = better

DuPont™ Suprel™ offers increased resistance to rips and tears.

Test method:
MD/XD Grab Tensile
Units: (lbs)

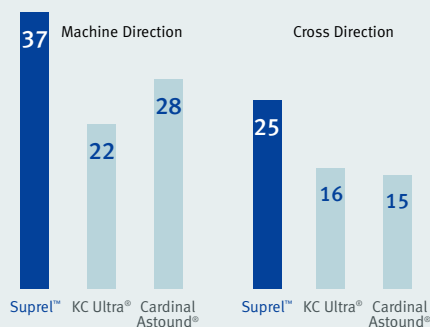
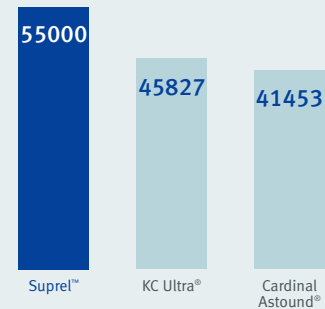


Figure 3: Comfort Properties

Standard: IST 70.4-01
Higher rating = better

DuPont™ Suprel™ has excellent moisture vapor transmission to help you keep cool and comfortable.

Test method:
Moisture Vapor Transmission Rate (MVTR) — Mocon
Units: (g/m²-day)



At the 2003 AORN Congress, over 2,300 nurses tried on a sample gown of Suprel™. Of those nurses that expressed a preference in fabric, 95% preferred Suprel™ to the O.R. gown fabric they currently are wearing.

Experience Suprel™ for yourself.

A line of surgical gowns made with Suprel™ is currently available from Medline Industries. If you would like to set up a trial evaluation at your health care facility for gowns made with Suprel™, call DuPont Medical Fabrics at 1-888-383-6887. By experiencing Suprel™ for yourself, you'll discover the freedom to perform like never before.

Contact us

For more information about the family of innovative fabrics from DuPont Medical Fabrics, visit our website at www.MedicalFabrics.dupont.com or call 1-888-383-6887.

DuPont Medical Fabrics



The miracles of science™