



ULTIMATE HR-S

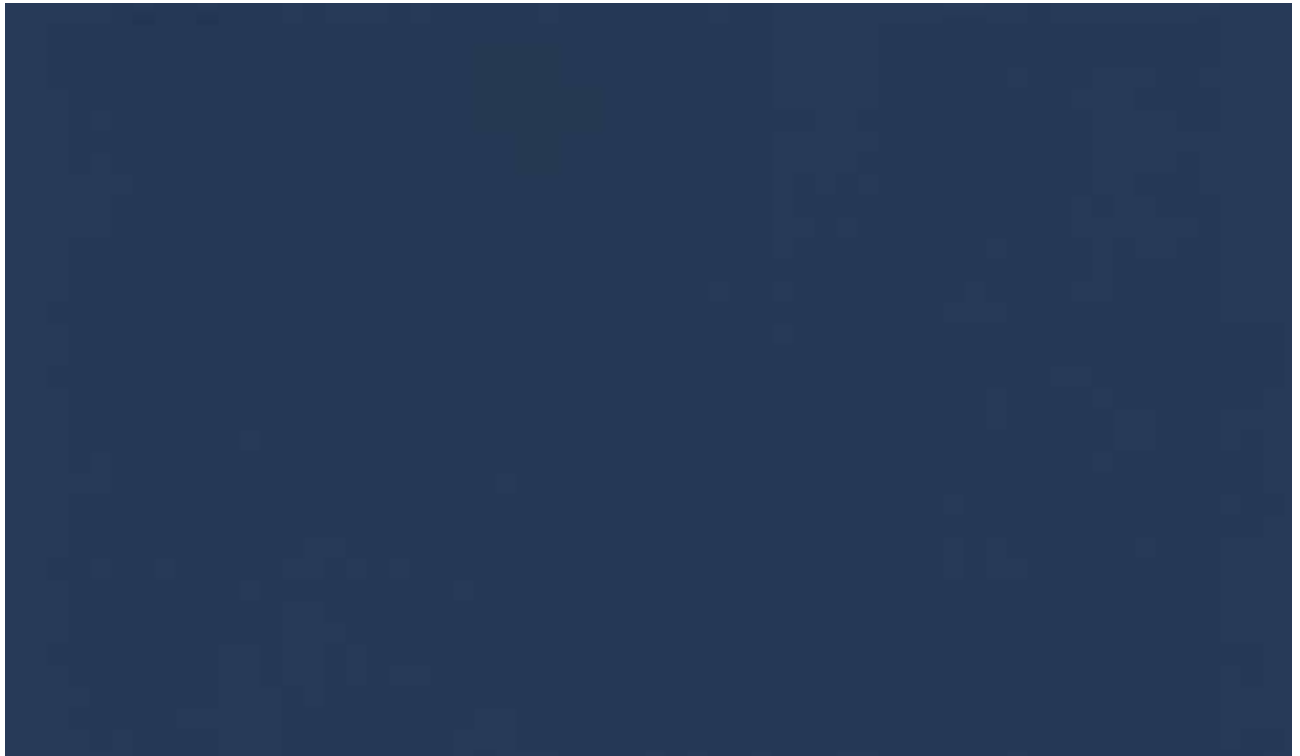
Ultra-Thane Ultimate HR-S is a state of the art PU mattress cover. An extremely Hydrolysis Resistant (HR) formulation provides low water vapour transmission and excellent chemical resistance. The latter allows cleaning with highly concentrated cleaning solutions which supports the advanced maintenance of infection control. **Ultra-Thane Ultimate HR-S** features Silvosan (S) for advanced bacteria control. Silvosan is an active silver based additive which fights against bacteria. **Ultra-Thane Ultimate HR-S** has a multi-directional stretch allowing the mattress to conform to the shape of the body which is ideal for hospital pressure management. **Ultra-Thane** fabrics are breathable and provide thermal conductivity for maximum patient comfort. The entire **Ultra-Thane** range is phthalate free, contains no heavy metals and features a HF weldable backing. **Ultra-Thane Ultimate HR-S** is the complete package for healthcare mattress covers.

Product Features

- Silvosan Anti-microbial Additive
- Multi-directional Stretch
- Hypoallergenic / Non-irritating
- Low Water Vapour Transmission
- Exceptional Hydrolysis Resistance
- Fluid Proof
- Easy to Maintain
- Chemical Resistant
- Soft Handle
- Fire Retardant
- Breathable
- Autoclavable

Typical Applications

- Healthcare Mattress Covers
- Healthcare Chairs
- Pressure Management
- Support Cushions
- High Level Infection Control





ULTIMATE HR-S Product Specifications

Roll Width: 220cm

Standard Roll Length: 50m

Property	Standard/Test Method	Result
Total Weight		200g/m ²
Tear Strength	ISO 4674	>15N/5cm (warp & weft)
Tensile Strength	ISO 1421	>250N/5cm (warp) >150N/5cm (weft)
Adhesion	ISO 2411	>30N/5cm
Fire Resistant	BS 7175 Crib 5	Pass
Biocompatibility	10.993-10	Nonallergenic
Hydrostatic Head	ISO 1420	>200cm
Water Vapour Transmission	DIN 53122	400gsm/24hr (+/- 10%) @38°C/90% RH



Care & Maintenance

Healthcare Fabrics require regular care & maintenance. If the recommended instructions are followed, the end user can expect to maximise the fabrics potential life and maintain a hygienic environment. **Ultra-Thane** with HR is a specific formula developed to allow high concentrated cleaning solutions for maximum infection control.

General Cleaning

Regularly clean **Ultra-Thane** Healthcare Fabrics with a solution of quaternary based cleaner and water. Rinse thoroughly with fresh water and wipe dry.

Spot Cleaning

For difficult spills and stains, prepare a strong solution of quaternary based commercial cleaner. Using a soft bristle brush and solution, clean the affected area. Rinse thoroughly with fresh water and wipe dry.

Disinfection Cleaning

It is common to disinfect surfaces in a healthcare environment. **Ultra-Thane** with HR excels in this application. Using a strong water/bleach solution, clean the entire mattress (refer to the *Nolan Group Healthcare Fabrics Recommended Cleaning Products & Concentrations* sheet). Alternatively, a water/Dettol solution of 20:1 can be used. Rinse thoroughly with fresh water and wipe dry.

Notes

- **Ultra-Thane** Healthcare Fabrics are autoclavable.
- Never exceed the cleaning manufacturers concentration recommendations.
- Do not use abrasive cloths or cleaners.
- Do not use aggressive cleaners or chemicals.
- When in doubt, contact your local Nolan Group branch for further advice.