

Cover fabric properties

Q. How does cover decontamination affect its ability to remain resistant to water penetration?

A. The cover fabric is not adversely affected by any of the conditions shown in the independent test laboratory report below.

HYDROSTATIC HEAD							
Method of Pre-treatment	Individual results (cm)					Mean (cm)	Mean (kPa)
As received	>1000	>1000	>1000	>1000	>1000	>1000	>98
After flexing	>1000	>1000	>1000	>1000	-	>1000	>98
After washing	>1000	>1000	>1000	>1000	>1000	>1000	>98
After abrasion (9kPa) – dry	>1000	>1000	>1000	>1000	-	>1000	>98
After wet abrasion (9kPa) Artificial urine	>1000	>1000	>1000	>1000	-	>1000	>98
After dry cleaning	>1000	>1000	>1000	>1000	>1000	>1000	>98
After 70% Ethanol	>1000	>1000	>1000	>1000	>1000	>1000	>98
After sodium hypochlorite	>1000	>1000	>1000	>1000	>1000	>1000	>98

Q. What is the vapour permeability of the mattress covers?

A. The manufacturer of our fabric states the permeability to be between 6% and 7%.

WATER VAPOUR PERMEABILITY		
Permeability (g/m ² .24hr)	Water Vapour Permeability Index (%)	Test Duration (hours)
43.6	6.3	20.5

Example of single test results

These FAQ's have been developed to answer common questions which arise during clinical practice and in the market place when clinical evidence is scarce. It is important to consider the holistic care of the patient and use clinical judgement making decisions based on the answers. If you cannot find an answer for which you are looking, please email karen.milton@arjohuntleigh.com with your question(s) and we will endeavour to answer it/them and make it/them available to help educate others.