



PU vs PVC COATED FABRICS

ENVIROMENTALLY FRIENDLY

This is a major factor in the huge swing to PU use throughout the world in recent years. PU is regarded as enviromentally friendly having no chloride component and it not giving off dioxins when burned. In addition, PU is highly regarded by enviromentalists because of its progression back to water as it breaks down over an extended time frame.

LOW TEMPERATURE FLEXIBILITY

In cold climates PU is much preferred over PVC because PVC becomes first hard and then brittle as temperatures drop. The hardening of the PVC coating can contribute to premature breakdown of the coating.

BREATHABILITY

PU coated fabrics have breathability that PVC fabrics do not have.

HIGH TEMPERATURE FLEXIBILITY

The Fusion fabrics have a high temperature resistance PVC fabrics do not have. The Fusion fabrics can also be washed in temperatures as high as 95 degrees Celsius without any distortion to the fabric.

ELASTICITY

One of the advantages of the Fusion fabrics is the increased level of comfort. The Fusion fabrics have a unique four-way stretch which helps reduce skin shear with older patients when used.

AGEING

PVC fabrics often age more quickly than PU coated fabrics. The reason for this is that the plasticiser used in the PVC is an oil derivative. This oil derivative is drawn out of the PVC as it ages giving it an oily feel over time. The PU coating has no plasticiser thus, does not suffer from this problem.





CARE AND CLEANING

GENERAL DIRECTIVES

Some surface wrinkling may result from the cleaning process, this has no adverse effect on the fusion properties.

Abrasive cleaning agents should not be used.

If customers have their own particular cleaning methods that must be used that are not covered in this article they should contact VersoTela for further direction.

WASHING AND DISINFECTION

Fusion needs to be treated with caution when cleaning the surface. Many industrial cleaning agents are extremely harsh on the coating and may cause it to break down.

Normal cleaning instructions are to wipe down the surface with a sponge or cloth with warm soapy water.

Do not use solvent or bleaches on Fusion.

Fusion is dry-cleanable with all dry cleaning fluids except trichloroethylene.

DRYING

Fusion can be tumble dried on a low setting provided the operator ensures it is removed as soon as all moisture is removed. Fusion must not be left sitting in the heated bowl of the drier when drying is complete.

Do not wring or mangle.

IRONING

Do not iron Fusion fabrics.

STORAGE

Store in a cool dry area. Avoid excessive pressure and contact with non-colourfast materials.

RECOMMENDED CLEANING PRODUCTS

75% Ethyl Alcohol

PH 7 Washing Detergent

1000 parts per million of chlorine based products

PLEASE CONTACT VERSOTELA FRO MORE INFORMATION.