

# TECHNICAL SPECIFICATION

## Product Technical Specifications

Product Code **PES**

Description		Standard	Unit	Spec. Value
Total Weight		TSI 1534-2 EN ISO 2286-2	gr/m2	650 ± %10
Total Thickness		TS 1534-3 EN ISO 2286 -3	mm	1,10 ± %8
Tensile strength	B V	TS 2008 EN ISO 1421	N	≥ 300
	E H			≥ 120
Tear strength	B V	TS EN ISO 4674-1	N	≥ 20
	E H			≥ 15
Elongation at break	B V	TS 2008 EN ISO 1421	%	40 ± %20
	E H			200 ± %20
Seam strenght	B V	TS EN ISO 13935-2		250
	B V			250
Coating adhesion	B V	TS EN ISO 2411	N	≥ 15
	E H			≥ 15
Color fastness to rubbing	K D	TS EN ISO 11640	gs	> 4/5
	I W			> 4/5
Color fastness to light		TS EN ISO 4892-2	bw	> 5
Flexing endurance		TS EN ISO 5402-1	flx	> 100,000
Martindale Abrasion	12kPa	TS EN ISO 5470-2	rub	> 100,000
Flammability, burning rate		BS 5851 part 1		Pass
Determination of Phthalate		EN 14372 : 2004		Pass
Anti-Mildew		AATCC30		Pass
Composition	83% PVC , 15% PES, 2% PU			

# MAINTENANCE

Do not use detergents especially those which include bleaching agents on arti\_cial leather surface.

Do not use carpet cleaning products or any machinery on the product.

Unless the arti\_cial leather is designed for outdoor applications like marine upholstery, do not leave the product outside under direct sunlight or under rain.

Protect the arti\_cial leather from hard impacts.

While moving or transporting either the fabric or \_nished furniture, please be careful of narrow passages and doorways as scratches may cause permanent damage.

Never iron the product for any reason.

Do not place the product next to direct heat sources (e.g. electric heater).

Do not place any hot objects such as an iron or a heater on the product even for a short period of time.

Do not place or use the product in dusty or excessiely humid environments.

Please be aware that condensation can occur on the surface due to transporting between cold and warm conditions, if so wipe and dry out properly.

Please be aware that scratch marks from pets can cause permanent damage.

Avoid placing newspapers or magazines on the surface of your leather furniture as the inks may transfer onto the leather causing permanent damage.

Please be aware that dyestu\_s from clothing can possibly be transferred onto all light coloured furniture fabrics. This type of stain is not due to our arti\_cial leather, but is due to poor quality or application of dye stu\_s used in clothing and other materials.

Avoid using ink pens, nail polish, nail polish remover, alcohol or other harmful household products near your arti\_cial leather furniture in order to avoid possible spills, which may cause permanent damage.

Please be careful about using preparatory leather care products that are available in the market place.

If you do wish to apply any of these products, before use, always test on a small area that cannot be seen to ensure that damage will not be caused.

# CLEANING

For best results, please clean on a regular weekly basis by wiping the surface with a moist or soapy, white, soft cotton cloth, then rinse and wipe dry with a clean, white cotton cloth. This is particularly important in summer to ensure the removal of perspiration from the furniture.

Also please be aware that many hair products contain chemicals that if allowed to build up without cleaning, could also cause damage.

Do not use any hard brushes, either hand held or vacuum cleaner type or any other abrasive items on arti\_cial leather.

In healthcare environments, it is possible to use a bleach soluiution to wipe protein stains and for disinfection, but only to a maximum 5% bleach / 95% water mixture

# STAIN REMOVAL

Blot excess liquid up as quickly as possible with a clean 100% white, cotton, absorbent cloth or sponge.

If necessary, use clean luke warm water. Clean the entire area where the spot occurred (seat cushion, arm, etc)

Water may dissolve dirt particles and make cleaning easier. However, water used in excess may cause water marks to form.

Therefore, spilled water or excess water from any other source, must be blotted up immediately with an absorbent white, cotton cloth or absorbent kitchen type paper towel before drying. Spills that are still moist are the easiest to remove..

Once wiped dry, leave the product and do not use any arti\_cial drying source such as a hair dryer.

Our laboratory researches show that a fresh stain is very easy to clean. If the stain is allowed to stay on the surface, it is possible that the stain will penetrate into the polymer and then becomes very hard to remove. It is always necessary to treat the stain urgently.

Co\_ee, tea, etc spills: Use an absorbent, especially white cotton cloth or piece of absorbant kitchen type paper towel.

Do not rub! Allow the stain to be absorbed until all the liquid is removed from the material's surface.

After the initial surface spill has been absorbed, rub very gently with a damp, cotton white cloth applying gentle circular movements to remove any remaining humidity and residue. Finally wipe dry as previously stated.

Ink, ball point pen, lipstick - like hard stains: Alcohol and cologne are not recommended. Rub the stain by means of gentle circular movements with tissue or soft cloth dampened in hot soapy water. Rinse o\_ the soapy water with a damp, white cotton cloth.

After this application rub the surface again with gentle circular movements with a dry soft cloth in order to dry it.

Butter, oil, grease, mustard like stains: Wipe excess stain over the leather with a clean 100% cotton, white, dry cloth. Use a soapy cotton cloth to gently rub the stain with circular movements. After this application use a clean, humid, cotton cloth to wipe o\_ the area and dry the surface.

Chewing Gum: It must be cooled \_rst, so place some ice cubes in a plastic bag and apply on the chewing gum. Wait several minutes, lift the ice bag and remove the chewing gum gently.

DO NOT USE ANY CHEMICALS, SADDLE SOAP, CLEANING SOLVENTS, FURNITURE POLISH, OILS, VARNISH, ABRASIVE CLEANERS, ALCOHOL OR AMMONIA ON THE PRODUCT.

These are recommended or suggested methods of cleaning. The manufacturer is not responsible for any damage incurred because of non recommended cleaning methods and materials. Always try the cleaning method in a hidden area \_rst to see results.

If you are not sure, please contact your local customer service representative before proceeding.