



PVC-FREE: THE SMART CHOICE FOR A SUSTAINABLE FUTURE

Sustainability and safety are driving material choices today. Choosing PVC-free (PP) film over traditional PVC means better performance, lower environmental impact, and healthier indoor spaces.

Unlike PVC, which contains harmful additives, PP film is safer, more recyclable, and produces fewer emissions. With Europe and major companies moving to restrict PVC due to its high pollution levels, the shift to sustainable alternatives is accelerating.

Switching to PVC-free solutions isn't just the right choice—it's the future-proof choice. Stay ahead of regulations and market expectations by making the change today.

TECHNICAL PERFORMANCE

- Scratch and abrasion resistance
- Durability
- Resistance to moisture and heat
- Fire resistance

PVC-FREE (PP)

- +++
- ++
- +++
- B-s1,d0

PVC CLASSIC

- ++
- +++
- +++
- C-s2,d0

INSTALLATION & HANDLING

- Ease of installation
- Flexibility and thermoforming
- Specific tools and techniques
- Unsuitable installation

- +++
- +
(less suitable for complex shapes/3D)
- No primer required (non-absorbent surfaces), heating recommended for bending, requires careful preparation
- 3D installations (Outdoor/ground)

- ++
- +++
(stretchable, ideal for 3D installations)
- Primer required on absorbent and non-absorbent surfaces
- Outdoor/ground

AESTHETICS & FINISHES

- Texture and visual appearance

Less textured but more resistant to scratches. For example, B3 and NE31 offer a realistic look and feel

More pronounced texture

MAINTENANCE
Cleaning and maintenance
Resistant to cleaners and chemicals
PVC-FREE (PP)

pH neutral cleaner recommended. IPA solution (70% isopropyl alcohol, 30% water), IPA wipes, magic sponge

+++
PVC CLASSIC
++
ECOLOGICAL COMMITMENT
Origin of raw materials

Derived from propylene (natural gas or oil)

Derived from chlorine and ethylene (fossil fuels)

Environmental impact (production)
+
+++
Energy consumption in production
+
+++
Environmental impact (recycling)
+
+++
Biodegradability

Degrades more easily in the environment

Not biodegradable

IN CONCLUSION
Durability
++
+++
Scratch resistance
+++
++
Flexibility and thermoforming

Rigid, not stretchable

Stretchable, ideal for 3D

Installation

Easier on flat surfaces

More suitable for complex shapes

Maintenance

Simple, highly resistant to stains

Simple, good resistance

Ecological impact

More eco-responsible

More polluting

Price
€€
€
