

Five Reasons to Select Synthetic Paper over Standard Pulp

Do you have an application that requires a label that is waterproof, scuff-resistant and tough enough to withstand excessive handling? Or maybe you need it to be secure—or have some specific functionality? There are a number of factors and functional needs where the benefits of synthetic label paper outperforms standard pulp paper.

Here are five key reasons to select a synthetic paper (like [PPG TESLIN® label material](#)).

DURABILITY AND WATER RESISTANCE

Synthetic paper is an excellent option for wet/damp environments... from wine bottles in ice baths to signage in coolers to chemical drums stored outdoors. It's especially suited for applications requiring BS 5609 certification.



TAMPER-EVIDENT SECURITY

Synthetic paper can help protect high-value items by offering a deterrent against and/or visual evidence of alteration or theft. It can be embedded with security features for program-specific applications.



STERILIZATION

Synthetic paper is a good choice for pharmaceutical and medical equipment applications (e.g. blood bags, tubes and vials) that need to withstand sterilization methods.



CHEMICAL RESISTANCE

Synthetic paper offers resistance to chemicals and solvents even at elevated temps - perfect for chemical packaging and heavy-duty industrial applications.



RFID AND SMART FUNCTIONALITY

Synthetic papers provide cushioning for embedded electronics which protects passive and active RFID tags. A great synthetic paper like *Teslin* material dissipates static as well.



When selecting synthetic paper for your next tough application, ensure that it is compatible with a wide range of flexographic, offset or digital print processes. You can read the full story about synthetic paper for durable label applications at teslin.com/why-synthetic.

