

# Selection Guidelines How to Select the Most Suitable Surface Protective Materials

Nitto Denko offers a wide variety of surface protective materials to meet your needs and demands. To select the surface protective material most suitable for the application and environment in which it is going to be used, detailed information corresponding to a particular function is required. Please refer to the "Basic functional requirements for surface protective materials" and "Criteria for selecting a surface protective material" below. Along with the information you obtain from these charts, please consult our staff at the nearest sales office for additional assistance and information.

## Basic functional requirements for surface protective materials

Function	Key requirements
Application	<ul style="list-style-type: none"> <li>In any climate, the ability to apply smoothly without wrinkles or air bubbles (low temperature dependency of base and adhesive)</li> <li>High-speed application capability</li> </ul>
Processing	<ul style="list-style-type: none"> <li>No lifting or breaks from light processing such as cutting, punching or bending, or from heavy processing such as drawing or roll-forming</li> <li>Film and adhesive are not affected by press oil, paint or chemicals</li> </ul>
Storage	<ul style="list-style-type: none"> <li>Heat, pressure, ultraviolet rays, etc., do not result in film embrittlement or changes to the protected surface (no contamination or adhesive residue)</li> </ul>
Peel	<ul style="list-style-type: none"> <li>Film peels readily in any climate</li> </ul>

## Criteria for selecting a surface protective materials

