Protective Tapes Prevent Scratches and Chips during Manufacturing, Shipping, and Installation

Protective Tapes adhere and conform to products to protect against scratching, marring, chipping, abrasion, and UV exposure during production, packaging, shipping, and installation. Easily removable from virtually any surface, protective tapes leave no residue behind when peeled off.

Why Protective Tapes?

Damaged goods are a problem for manufacturers, distributors, and retailers who must deal with the returns and dissatisfied customers. Protective films are used in a range of applications, such as metal finishing, industrial, transportation, white goods, and electronics to prevent harm to the products. Particularly sensitive materials, such as highly polished surfaces, stainless steel, glass, and mirrors, require these temporary barriers to maintain a flawless finish and resist stains from handling.

Damage and Blemish Protection

Abrasion resistance is particularly important when finished or painted surfaces are handled during assembly or transit. High gloss or lightly textured surfaces that can be easily marred require a film that is up to 5 mils thick.

UV protection is also critical if the product is exposed to the sun for days or even months. Lastly, adhesive tack levels range from very low to high, depending upon the application and surface energy of the material.

Materials Partner Spotlight

Fabrico uses 3M™ Protective Tapes for surface protection for a multitude of applications to help prevent damage to your products. These materials can be used on a wide variety of surfaces and help protect against scratches, maring, chipping, abrasion, and UV exposure during production, packaging, shipping, and installation. 3M offers a full range of functional protective tapes designed to safeguard surfaces at all stages of the supply chain.

3M™ Protective UV Tape

2AU23B/UV

3M™’s family of single-sided adhesive tapes and films enhances the design of your products, improves manufacturing processes, and provides temporary protection for a wide variety of surfaces.
Selecting the Right Converter

Fabrico offers their design engineering expertise to help customers determine the specific requirements, select the best materials and adhesives, and choose the protective tape that works best for their application.

With the proper combination of those factors, protective tapes can defend against unwanted damage to the products or substrates during bending, roll forming, embossing, shallow draw, manufacturing, and shipping. With Fabrico’s extensive experience and converting capabilities, protective tapes can be slit, die-cut, rewound, or stacked. Additionally, Fabrico can laminate narrow and wide width materials with carefully selected liner materials to provide optimum release characteristics required for the protective tape adhesive backing.

Factors to be considered for protective tape applications:
• Surface texture of substrate
• Surface preparation of substrate
• Method and conditions of tape application
• Time and environmental conditions
• Storage conditions

With more than 30 years of materials experience, Fabrico engineers understand the impact a material selection can have on the overall manufacturing process, therefore, material systems are designed to optimize production efficiency and improve overall cost-effectiveness.

Quality Control

With a fully equipped test lab, Fabrico ensures that customer materials meet designed-in specs before they leave the factory floor, often eliminating the need to test materials on the customer end. Fabrico uses its laboratory to test adhesion, tensile, and dielectric strengths, as well as coat weight, resistance, capacitance, and voltage measurements. Fabrico’s test and measurement equipment is calibrated annually per the ISO standard.

About Fabrico

Fabrico is the market leader in design and manufacturing services for flexible materials. Fabrico has developed a track record of solving unique challenges and providing sound customer solutions. The company offers a wide range of custom fabrication services including product engineering, material sourcing, prototyping, converting, laminating, complex printing, custom die-cutting, rotary die-cutting, water jet cutting, laser cutting, assembly, and performance packaging. Fabrico’s Advanced Assembly capabilities apply design-for-manufacturing principles to complex, high-value projects in demanding markets that include electrical/electronics, medical, military/aerospace, power generation, renewable energy, and transportation. Fabrico is located in Kennesaw, GA, USA and is a division of EIS. More information is available at www.fabrico.com or by calling (800)-351-8273. Fabrico is a trademark of EIS, Inc.