

TECHNICAL DATA SHEET

DOUBLE COATED ADHESIVE TAPE

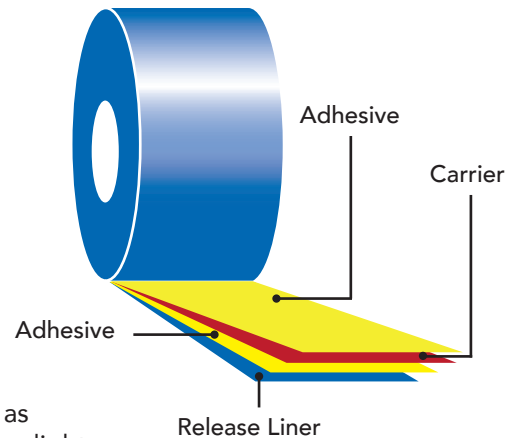
NFS1842

CONSTRUCTION

Nova Films & Foils, Inc. NFS1842 consists of a 0.5 mil clear polyester film coated on each side with a high performance permanent acrylic based pressure sensitive adhesive and protected by a 60# polycoated kraft (PCK) liner with a differential release coating on both sides.

APPLICATION

This product is ideal for laminating to low surface energy substrates, such as polypropylene (PP) and high or low density polyethylene (PE). This acrylic pressure sensitive adhesive has high shear values at room temperature as well as elevated temperature. NFS1842 can be use in outdoor environments, where sunlight and weather exposure is possible. NFS1842 is protected by a 60# PCK liner, which provides a moisture stable backing.



PHYSICAL PROPERTIES

Film thickness	0.5 mils
Adhesive thickness	2.0 mils each side
Release liner thickness	3.5 – 4.0 mils
Release liner	60# PCK
Adhesion - 180° peel from SS	100 oz/in
Adhesion - 180° peel from PP	40 oz/in
Adhesion - 180° peel from PE	35 oz/in
Application Temperature	60° F to 90° F
Service Temperature	-40° F to 300° F

PREPARATION

All surfaces must be clean, dry and free of oil, dust, or grease before application.

SHELF LIFE

One year when stored at 72° F at 50% RH.

NOTE: Published material and information concerning Nova Films & Foils, Inc. products are based upon research which the company believes to be reliable, but such material and information does not constitute a warranty. Because of the variety of possible uses for Nova Films & Foils, Inc., products and the continuing development of new uses, the buyer should carefully consider the fitness and performance of the product for each intended use and the buyer assumes all risks in connection with such use.