

TECHNICAL DATA SHEET

ACRYLIC TRANSFER TAPE

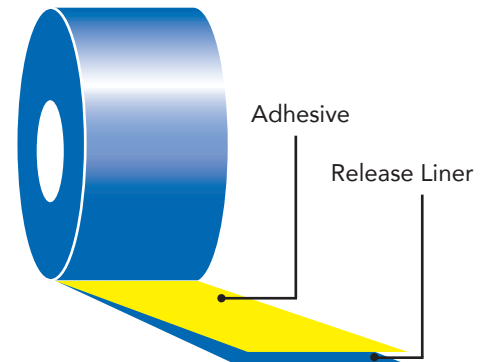
NFS1642

CONSTRUCTION

Nova Films & Foils, Inc. **NFS1642** consists of a 2.0 mil unsupported film of a high performance solvent based permanent acrylic pressure sensitive adhesive. NFS1642 is protected by a 60# polycoated kraft (PCK) coated two side release liner.

APPLICATION

The acrylic pressure sensitive adhesive in NFS1642 is a great adhesive for bonding to low surface energy (LSE) substrates. This adhesive adheres well to tough to stick to substrates, such as polypropylene (PP), polyethylene (PE) and powder coated paint surfaces. Along with good adhesion to these substrates, NFS1642 also has high shear values, at room temperature as well as elevated temperatures. NFS1642 can be used in outdoor environments, where sunlight and weather are present. The adhesive is protected by a polycoated release liner, which provides a moisture stable backing and works well in water jet cutting.



PHYSICAL PROPERTIES

Adhesive thickness	2.0 mils
Release liner thickness	3.5 - 4.0 mils
Release liner	60# PCK
Adhesion - 180° peel to SS	90 oz/in
Adhesion - 180° peel to PP	45 oz/in
Adhesion - 180° peel to PE	20 oz/in
Applications 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.