

# STAR Technology

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## S-55-1 UV Cure PSA

### DESCRIPTION

**S-55-1** is a Pressure sensitive adhesive (PSA) of moderate viscosity. This product is tested on 0.001" mil Mylar at coating thickness of 0.002". **S-55-1** films were cured at 25 feet per minute under single 300 W/inch Hg-arc medium pressure "D" type lamps. Optimum distance from adhesive layer to bulb is 2.0 inches. If oxygen inhibition is an issue, it is recommended to cure in a dry nitrogen atmosphere. Test results below reflect cure conditions above and then film being laminated to a silicone release liner and pressed at 100 psi for 24 hours to insure a uniform topography and simulate the hoop stress the adhesive would see in actual production in being wound up by the coating machine and rewound by the slitting machine. The sheets were then allowed to dwell for 24 hours at 72°F and 50% relative humidity before testing.

Data contained herein are believed to be reliable. Fit-for-use testing should be conducted by each user.

### TYPICAL PROPERTIES

	<u>TEST METHOD</u>	<u>VALUE</u>
Product:		
Specific Gravity (g/cc):	ASTM D1475	1.05
Viscosity (cps):	ASTM D2393	300
Color:		Clear

### PRECAUTIONS

For industrial use only. Keep away from children.

Refer to the Material Safety Data Sheets (MSDS forms) pertaining to this product before using.

Avoid contact with skin or eyes. In the event of an eye splash or contact, immediately flush with cold water for 15 minutes and contact a physician. If skin contact occurs, wash with mild soap and water. The wearing of safety glasses with side shields and impervious gloves is recommended.

### PRODUCT WARNING STATEMENT

May cause allergic skin reaction. Avoid all contact with skin, eyes, and clothing. Wash thoroughly after handling