

ACA 20-658

Heat Resistant, Rubber-Resin Type Adhesive

Adhesive

PRESSURE
SENSITIVE
ADHESIVE

PRODUCT DESCRIPTION—ACA 20-658 is a high peel adhesion, high shear resistance and high tack heat stabilized and heat resistant rubber-resin type pressure sensitive adhesive. Its cross-linking capability can be used to further enhance heat resistance. All components of ACA 20-658 conform to the requirements of 21CFR 175.105 FDA.

TYPICAL USE—ACA 20-658 is designed as a mounting adhesive for the defrosters in automatic defrosting refrigerators.

COATING METHOD—Adhesive application normally is by the transfer method using a nip fed reverse roll coater or a wire wound bar coater. Lower coating weights may be applied by gravure coaters. Normal industrial applications usually require a dry film thickness of about 1.5 mils. Performance of the adhesive is dependent on substrate topography.

CLEAN UP—Wash the equipment with water to remove the wet adhesive. Dry adhesive may be cleaned using toluene or other cleaning solvents. Toluene is an inflammable, volatile solvent and should be used in conformance with OSHA guidelines. A thin film of Vaseline® applied to frequently exposed parts of the coater will facilitate clean up.

WET ADHESIVE PROPERTIES

<u>Test</u>	<u>Value</u>
pH	8
Viscosity (cps)	3000
wt./gal. (lbs.)	8.7
Percent solids by weight	54

DRY ADHESIVE PROPERTIES (1 MIL FILM, 2 MIL MYLAR)

<u>Test</u>	<u>Value</u>
Peel (ASTM D-903) (pli)	7.5
Shear Resistance (90°F, 2lbs/in ²) (hours)	200+
Tack (ASTM D-2979) (g)	1200

NON-WARRANTY NOTICE—Our recommendations, if any, for use of this product are based on tests believed to be reliable. The greatest care is exercised in the selection of our materials and in our manufacturing operations. We make no recommendation to use this product in any manner which conflicts with existing laws and/or patents and WE MAKE NO WARRANTIES, EXPRESS OR IMPLIED, REGARDING THIS PRODUCT OR ITS USE, INCLUDING MERCHANTABILITY AND FITNESS FOR PARTICULAR PURPOSE. THE MANUFACTURER IS NOT LIABLE FOR ANY CONSEQUENTIAL, INCIDENTAL OR SPECIAL DAMAGES OF ANY KIND.

