

ACA 10-110

Desiccant Coating for Metals

Coating

PRODUCT DESCRIPTION—ACA 10-110 coating is a hygroscopic material that may be applied to aluminum foil. The coating may also absorb and transfer other small molecules similar to water such as aldehydes, alcohols, ketones or amines away from the working atmosphere. ACA 10-110 primarily uses water dispersions with a small amount of isopropyl alcohol in the mix to serve as a coalescing agent. The isopropyl alcohol (boiling point 82°C) evaporates in the oven with the water and is not present in the dry, coated film.

TYPICAL USE— HVAC Systems, air purification devices

COATING METHOD—Rotogravure

CLEAN UP—Washing with water will easily clean the wet coating. The dry coating may require a toluene wash. Toluene is a flammable solvent and must be used according to OSHA safety standards.

WET ADHESIVE PROPERTIES

<u>Test</u>	<u>Value</u>	<u>Test</u>	<u>Value</u>
Viscosity (cps)	160-360	Percent water by weight67.11
wt./gal. (lbs.)8.7	Percent water by volume70.11
Percent solids by weight	21.5-25.5	Percent of VOC per gallon	1.02
Percent solids by volume	14-15	Pounds of VOC per gallon less water	3.405
Percent VOC by weight	11.69	Application (mils dry)	~0.8
Percent VOC by volume	15.46		

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.

