

# ADI-SIZE BIND ACR

## Binding Agent

Acrylic is water soluble liquid paste based on polyacrylonitrile for wrap i.e., cotton, Cotton/polyester/poly viscose rayon, it can used in combination with any modified starch.

### Characteristic

- Improves abrasion resistance and the cohesive index of the sized yarn, which are important parameters for higher weaving efficiency.
- Gives very smooth film due to its compatibility with starch / PVA.

### Properties

<b>Chemical constitution:</b>	<b>Polaracrylonitrile</b>
<b>Ionic character:</b>	<b>Anionic</b>
<b>Physical form:</b>	<b>White paste</b>
<b>Storage stability:</b>	<b>ADI-SIZE BIND ACR is stable for 1 year when properly stored in closed containers at 20 °C. Thermally stable Product change at temperatures BELOW 0°C possible. Change reversible by heating and stirring.</b>
<b>Ecology/toxicology:</b>	<b>The usual hygiene and safety rules for handling chemicals should be observed in storage, handling and use.</b>
<b>Solid Content</b>	<b>22 to 25 %</b>
<b>Ph</b>	<b>9-11</b>

### Preparation

It is water soluble liquid paste based on polyacrylonitrile for wrap i.e., cotton, Cotton/polyester/poly viscose rayon, it can used in combination with any modified starch. And it can be soluble in water very easily. During size preparation due to its high adhesive power and elasticity it gives excellent adhesion to fiber (yarn) it forms a strong tough film around the fiber which results in better Weaving on high-speed machine, very low yarn breakage and more efficiency.

### Application

Use ADI-SIZE BIND ACR as per requirement during cooking.