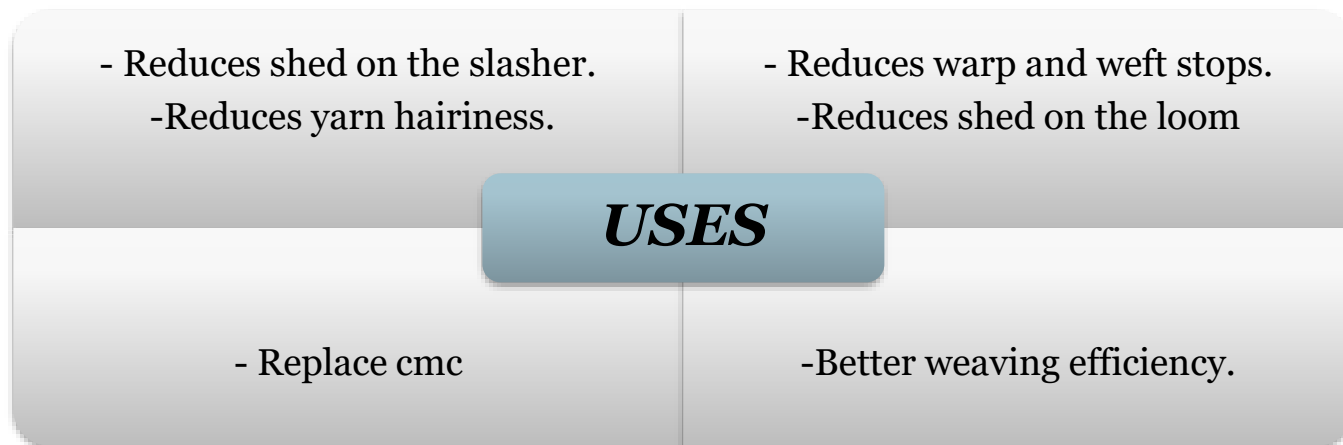


## ADI-SIZE PVA (R)

### PVA Replacement

ADI-SIZE PVA (R) is used in textile warp sizing application as an efficient and effective replacement of PVA Acrylic and CMC.



### Properties

- **Stable Solution:** ADI-SIZE PVA (R) in solution is very stable and will not gel at room temperature.
- **Good Film Formation:** ADI-SIZE PVA (R) forms a strong and flexible film which provides excellent protection of the yarn resulting in higher weaving efficiently.
- **High Sticking Power:** Sizing solutions containing ADI-SIZE PVA (R) excellent adhesion to most spun yam types.
- **High Abrasion Resistance:** Yarn sized with ADI-SIZE PVA (R) has high abrasion resistance due to the good film formation. This result in higher weaving efficiency., esp. fine cotton yarn.
- **Easy Splitting:** The good migration properties of ADI-SIZE PVA (R) allow optimum size penetration resulting in easy splitting and minimized hairiness. Particularly for air jet weaving, thus results in better weaving performance.
- **Cold Water Soluble:** Fabric sized with ADI-SIZE PVA (R) is more easily desized. Desizing chemical costs can be reduced. Other ingredients in the sizing formulation will influence the desizing efficiency.
- **Environmentally Friendly:** Since ADI-SIZE PVA (R) is a based on natural products and is used as a replacement of PVA it has a positive effect on the BOD/COD in the waste water.
- **Cost Saving:** ADI-SIZE PVA (R) is generally less expensive than PVA and can provide substantial cost savings

1

NOTE: - The information and data contained herein are based on controlled or lab work. The recommendations are given on Previous experience basis but cannot be extended to cover every possible case. It should be verified and evaluated by The user by testing for the intended conditions of use. AIDA dyes & chemical does not express or imply any Warranty or guarantee. The suitability of the product for the application, intended by buyer of the product

**GULSHAN E IQBAL BLOCK 6, KARACHI**

## **Preparation**

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ADI-SIZE PVA (R) can be prepared by standard size preparation methods. A separate cooking vessel is not required. All ingredients can be cooked together in the one vessel.

Generally, the starch component is added to cold water under agitation to form a slurry. To this slurry and ADI-SIZE PVA (R) followed by other ingredients such as acrylic and wax under agitation.

## **Application**

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ADI-SIZE PVA (R) is suitable for sizing most spun yarns such as: -

- 100% Cotton
- Polyester /Cotton (CVC)
- Polyester /Cotton (T/C)

Depending on the yarn count, weaving construction and factory conditions, ADI-SIZE PVA (R) can partially or fully replace the PVA Acrylic & CMC

ADI-SIZE PVA (R) has been developed for use in a wide range of weaving looms. It is highly suited to high-speed air jet looms due to hairiness minimization.

**ADI-SIZE PVA (R) is compatible with all commonly used sizing chemicals and easily prepared without the requirement of a separate cooking vessel.**

**The recommended dosage level of ADI-SIZE PVA (R) is 1 to 3%.**