

AVCO-PRINT RDA

READY-MADE PASTE FOR DISCHARGE PRINTING OR SPRAYING ON INDIGO DYED DENIMS

AVCO-PRINT RDA is a printing/spray paste designed for producing discharge printing effect on denim.

It can be mixed Vat dyes with AVCO-PRINT RDA in order to have coloured discharge printing with desired colours on textiles.

SPECIFICATION

Appearance	Milky or yellowish paste.
Chemical nature	Thickener and auxiliaries for discharge printing.
Viscosity	60 – 100 d Pa.s
pH (5%sol.)	12 ± 1
Solubility	Miscible with water at any ratio
Compability	Completely compatible with chemicals used in printing processes.
Storage	Keep in a closed drum. Freezes at 0°C, fully usable after thawing and mixing. Shelf life is 6 months, after 6 months, a pretest before used is recommended

Áp dụng:

1. Prepare discharge printing paste (for white discharge on denim) :
Use 100% AVCO-PRINT RDA
2. Prepare discharge printing paste (for coloured discharge on denim):

Follow the recipe below:

AVCO-PRINT RDA	700
Vat dyes	185
Water(if high viscosity)	50-100
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- Add AVCO-PRINT RDA and begin mixing at high speed.
- Add slowly Vat dyes into the paste and mix until getting an homogeneous paste.
- Add water to adjust the viscosity if it is too high. Not exceed 10%.

3. Spraying discharge solution recipe:

Depend on how much we want to discharge so the spraying solution can be prepared as 40% RDA+ 60% water to 70% RDA+ 30% water

Notes:

- **After prepared, should be used AVCO-PRINT RDA paste within 6 hours in order to avoid the inactivation of printing paste .**
- **When mixed vat dyes with AVCO-PRINT RDA, if the printing paste used in a long time, the colour of the paste will become darker, but there is no problem with the quality of the printing paste, only the vat dyes is reduced gradually in time . After curing and washing, the colour will retain its real shade.**

Printing process:

Use the screen of 50-90 mesh to ensure the good penetration of printing paste into the fabrics.

The fabrics should be good desized to ensure the even penetration of the thickener, the printing pattern is shaper and more beautiful.

Curing process:

After printing or spraying, the fabric is dried on the printing machine, then curing to perform the discharge stage at 160°C x 3 mins or 170°C x 2 min, following by washing process.

Washing process:

In the washer with high liquor ratio (such as hank dyer or jet dyeing machine..) or continuous washing ranges:

1. First rinse at room temperature for 15 mins.
2. Second rinse with hot water (50-70°C), 15 mins.
3. Washing with soaping agents for 15 mins to remove extra dyes and brighten the colour on the fabrics.
 - + Avco-Gen PV: 1g/l
 - + Avco-Blank ABS-100: 1g/l
4. Cold rinse.

In case adding vat dye in printing or spraying, washing process must be add 1-2 g/l of hydrogeperoxide in hot wash step to regenerate the color of vat dye.