

Versatile UV-LED-curable adhesion promoter for a wide range of substrates. Compatible with various print heads commonly used on industrial UV printers.

DESCRIPTION

JP254 Adhesion Promoter is a UV Cure Jettable Adhesion Promoter (adhesion primer) designed for metals, including iron, stainless steel, copper, aluminum, glass, ceramics, and tile. With this primer, it is possible to print and achieve instant adhesion on demand at specific locations on the substrate with a UV printer.

Packaging

1L

Warranty

12 Months
Store product at 20 - 30°C (68°F - 86°F).
Relative Humidity < 80%.
Avoid direct sunlight.
Stored in a cool place.

ADHESION PROMOTER HANDLING

Always wear PPE (wear gloves and eye protection)

If the JP254 does come into contact with skin, wipe it off with a clean, dry cloth (do not use a solvent). Wash the affected area with soap and water.

SUBSTRATES

Metals (Iron, Stainless steel, copper, aluminum)

Glass

Tiles and ceramics

The printability of all of the substrates listed may be different, even within the same type of material. This is why preliminary tests are needed to see if this UV Adhesion Promoter is right for the job. It is also important to make sure that the substrate surfaces are clean and free of graphite, silicone, dust, oils, or grease (e.g., finger prints) prior to printing. Use alcohol or flame treatment to clean the surface of the material prior to printing.

PROPERTIES & FEATURES

Color	Transparent
Curing wavelength	395nm
Surface tension	24 - 26 dyne/cm
Usable viscosity range	8 - 20 cps

INK COMPATIBILITY

All UV curable digital UV/ UV-LED Inks

** *Natron® JP254 adhesion promoter works with [all UV inks](#), regardless of the ink manufacturer.*

COMPATIBLE PRINT HEADS

Ricoh Gen 4 , Gen 5, Gen 6 (18-20 cps)

Ricoh Gen 5i (8-10 cps)

Konica1024 i

Toshiba CE4

Environmental Operating Parameters

Temperature: 20 - 30°C (68°F - 86°F).

Humidity: <80% (non-condensing)

APPLICATION

Clean the surface with alcohol to remove oils and debris from the surface of the material before printing.

Print the UV jettable adhesion primer on the surface.

Use a cleaning liquid to clean the print-head nozzles when needed.

For best adhesion, allow the printed surface to post-cure for 24 hours at room temperature.

Warning: Consult the MSDS prior to use.

Boston Industrial Solutions, Inc. Quality statement

Boston Industrial Solutions, Inc. stands behind the quality of this product. The JP254 UV Adhesion promoter is formulated free from heavy metals. Safety Data Sheets are available according to UE regulation. The primary indications are displayed on the product label.

The data and information given in this data sheet is based on our present experiences and testing. Our technical consulting, whether done verbally, in writing, or through extensive testing, is based on our best knowledge. This doesn't mean that the client doesn't have to test our products on their own to see if they are good for adhesion.

Boston Industrial Solutions, Inc. does not warranty the use or application of the products it manufactures or supplies. Our only obligation shall be to replace any defective products supplied by us or to refund the original price of the product after we have determined it to be defective. We assume no liability for any other loss or damage caused direct or indirect by our products.

It is absolutely necessary to make printing trials prior to start a production run to determine the suitability of this product for your specific application.

Please contact Boston Industrial Solutions, Inc. with any technical questions regarding our products or to obtain additional MSDS information.

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