

## XN-1788 Adhesive

### Waterbased Adhesive for Temporary Tattoos for Various Printing Methods

NT19ADH Flexo/Gravure/Screen  
(12/14)

#### **Product Description:**

XN-1788 was specifically formulated for temporary tattoos. The dried adhesive film yields excellent durability, adhesion, and flexibility. This adhesive can be applied by silk-screen, flexographic, or gravure printing.

#### **Silk-Screen Application / Use:**

XN-1788 is recommended for mesh counts of 60 through 230 tpi. Typically 110 tpi mesh provides ideal adhesive thickness for temporary tattoos. Typical longevity is 1-3 days.

Prep: Mix thoroughly before use  
Stencil: Image Mate DZ 343 photoemulsion (no hardener required)\*  
Drying: Hot air dryer for rapid curing

#### **Flexo / Gravure Application / Use:**

XN-1788 can be applied via flexography or gravure. As a reference only, when applied with a 150 – line anilox with a 9.3 BCM pyramid at a 35 second viscosity in a No. 2 Zahn Cup, the resulting longevity is 1-3 days.

Prep: Dilute with water to the desired viscosity; mix thoroughly before use  
Drying: Hot air dryer for rapid curing

#### **Physical Properties:**

Polymer Type: Acrylic copolymer emulsion  
Appearance: White liquid; dries clear  
Viscosity / Rheology: ~ 6,000 cps / thixotropic  
Solids: 60 – 68 %  
pH: 3.7 – 4.7  
Wt. per gallon: 8.0 lbs.  
VOC content: < 0.5% by wt. (calculated)  
Freeze/Thaw Stable: No  
Shelf life: 1 year

#### **Equipment Clean-Up:**

Use warm soapy water for wet adhesive; dry adhesive can be removed acetone



For more information, contact your Colorcon representative or call 1-800-724-0624  
You can also visit our website at <http://www.colorcon.com/notox>

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