

3M

Roll Coat Inks

Series 4800/4900

Product Bulletin 4800/4900

April 2014

Replaces PB 4800/4900 dated May 2010

Description

3M™ Roll Coat Inks are used in conjunction with 3M™ Reflective License Plate Sheeting to produce fully reflective vehicle registration plates for multi-year use. When processed according to the manufacturer's recommendations, 3M roll coat inks will last for the intended life of the registration plate. The inks are supplied in transparent colors as Series 4900 and opaque colors as Series 4800. They are intended for use on 3M™ License Plate Sheeting Series 3570/3750 and Series 4550/4770/4780.

Application

Transparent and opaque roll coat inks are applied to the embossed or debossed license plate by roller coating with a high quality roller coating machine. When roll coating license plates with the depressed style rim, hold down rollers are recommended to prevent the plate background from being painted.

Roll coat inks may be thinned with 3M 4904 or 4905 Thinner for ease of coating on the machine. DO NOT THIN MORE THAN 10%. Thinning by more than 10% may affect the ability to meet local volatile organic content (VOC) emission levels.

Drying

Drying is best accomplished when baked for a minimum of 20 minutes at 225°F in a convection oven with good air circulation.

Contact your 3M Technical Representative for assistance in establishing time and temperature settings.

Colors

	Transparent Inks	Opaque Inks
Blue	4901	4806
Dark Blue	-	4811
Red	4902	4802
Light Red	4909	-
Green	4903	4807
Dark Green	4913	4803
Cranberry	4906	-
Blue Violet	-	4808
Maroon	4914	-
Orange	-	4814
Purple	-	4815
Brown	4900	4816
Violet	-	4801
Black	-	4805
White	-	4812
Clear Toner	4911	-
Yellow Toner	4912	-
Yellow	-	4809

Health and Safety

Read all health and hazard, precautionary, and first aid statements found in the Materials Safety Data Sheet, and/or product label of chemicals prior to handling or use. Consult local regulations and authorities for possible restrictions on product VOC and/or VOC emissions.

Storage

3M roll coat inks should be stored at general warehouse storage (16°C/60°F to 27°C/80°F). Inks have a shelf life of 12 months from customer receipt.

**FOR INFORMATION OR ASSISTANCE
CALL:
1-877-777-3571**

**IN CANADA CALL:
1-800-265-1840**

**Internet:
www.3M.com/mvss**

3M assumes no responsibility for any injury, loss or damage arising out of the use of a product that is not of our manufacture. Where reference is made in literature to a commercially available product, made by another manufacturer, it shall be the user's responsibility to ascertain the precautionary measures for its use outlined by the manufacturer.

Important Notice

All statements, technical information and recommendations contained herein are based on tests we believe to be reliable, but the accuracy or completeness thereof is not guaranteed, and the following is made in lieu of all warranties, or conditions express or implied. Seller's and manufacturer's only obligation shall be to replace such quantity of the product proved to be defective. Neither seller nor manufacturer shall be liable for any injury, loss or damage, direct, special or consequential, arising out of the use of or the inability to use the product. Before using, user shall determine the suitability of the product for his/her intended use, and user assumes all risk and liability whatsoever in connection therewith. Statements or recommendations not contained herein shall have no force or effect unless in an agreement signed by officers of seller and manufacturer.

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