



3MTM MCSTM Warranty on 3M vehicle films printed with HP Latex printers

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HP Large Format Printing



HP Latex: the ideal technology for vehicle wrapping and fleet graphics

Instant lamination - easier installation!





"Application warranties" for the installed prints

Prints produced with HP Latex Inks meet the requirements from industry-leading vinyl manufacturers





The "3MTM Performance Guarantee" covers all HP Latex Inks and printers

when used with a wide range of approved 3M media – refer to regional info for specifics (www.3Mgraphics.com)





The "3MTM MCSTM Warranty" includes selected HP Latex Inks and printers

Industry-leading warranty for vehicle graphics, outdoor signage, wall graphics, and window graphics





Process to become a 3MTM MCSTM certified PSP

Print service providers must be certified by $3M^{TM}$ to offer the MCSTM Warranty, which requires:

- Inks labeled as 3MTM MCSTM Warranty Component
- Print on 3M media and protect with 3M laminate
- Register and follow 3M's recommended procedures







HP 831 Latex Inks are a 3MTM MCSTM Warranty Component

Used with the HP Latex 360 and 370 Printer (775-ml ink cartridges)





3M" MCS" Warranty

HP 871 Latex Inks are a 3MTM MCSTM Warranty Component

Used with the HP Latex 370 Printer (3-liter ink cartridges)





HP 881 Latex Inks are a 3MTM MCSTM Warranty Component

Used with the HP Latex 3000 and 3100 Printers (5-liter ink cartridges)

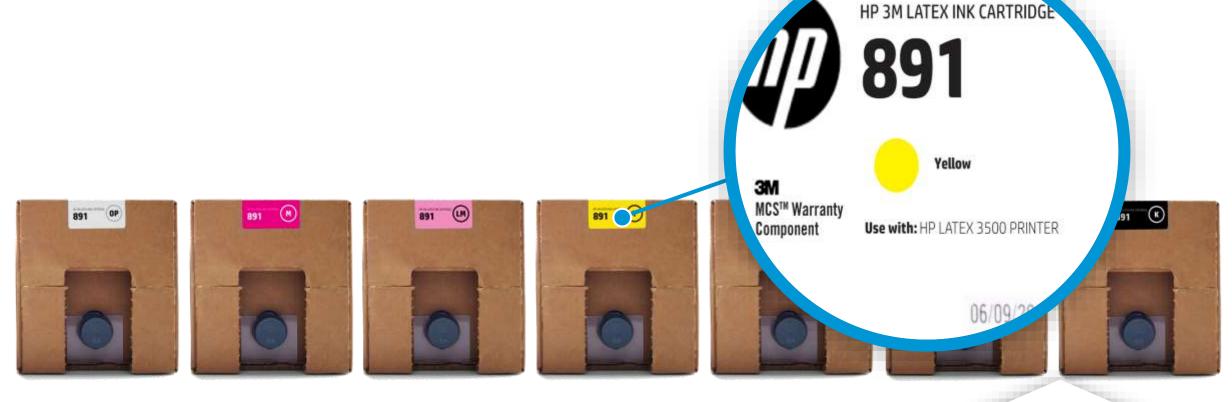




3M" MCS" Warranty

HP 3M 891 Latex Inks are a 3MTM MCSTM Warranty Component

Co-branded inks, used with the HP Latex 3500 Printers (10-liter ink cartridges)









3MTM printing films and 3MTM film laminates are a MCSTM Warranty Component

Like the 3MTM EnvisionTM Print Wrap Film LX480Cv3 with 3MTM EnvisionTM Gloss Wrap Overlaminate 8548G







3MTM has extended the warranty for vehicle graphis to 6 years!

Outdoor prints, 4 years & Indoor prints, 8 years

Vehicle graphics:



IMPORTANT: Check the warranty duration by material and position. A 3M matrix exists per country, which covers specific information on what is covered and for how long.





3M[™] printing films and 3M[™] clear coats are a MCS[™] Warranty Component

3M[™]Screen Print UV Gloss Clear 9760LX was designed specifically for HP Latex Inks...with a 5-year warranty







New 3MTM UV Clear Coat: applied with a screen print press

Prints not recommended for vehicle wraps. Ideal for semi-trucks trailers, box trucks, and other "fleet" applications.



Different workflow than film lamination!

Curing method

Gloss

Thickness recommended

Screen laminator

UV

80-90 units

6-12 µm

Bürkle LFC 1600 and similars





Application process and control variables

THICKNESS RECOMMENDED 6 – 12µm

KEY PARAMETER!

PROCESS

Screen Contour Print **Cut-sheet** Curing Printing* Cutting **Curing Power** Web thread density Tape, pre masking Lamps: 600 nw/cm2 and Pres spacing **SETTINGS** Roll to sheet 140-150 threads/inch as 3M **Curing speed** 31-34 microns thread Exposure: 200w/inch **bulletins** Incorrect Blistering **Thickness Stickiness ISSUES** Cracking Yellowish color **Gloss variations**

Pre masking



³M " MCS" Warranty

^{*}for roll to roll it has to be validated prior deal with the specific customer HW by 3M

3M Controltac Graphic Film with Comply v3 Adhesive IJ180 Cv3-10

Laminated with 3M Screen Print UV Gloss Clear 9760LX clear coat



Certified for HP Latex Inks

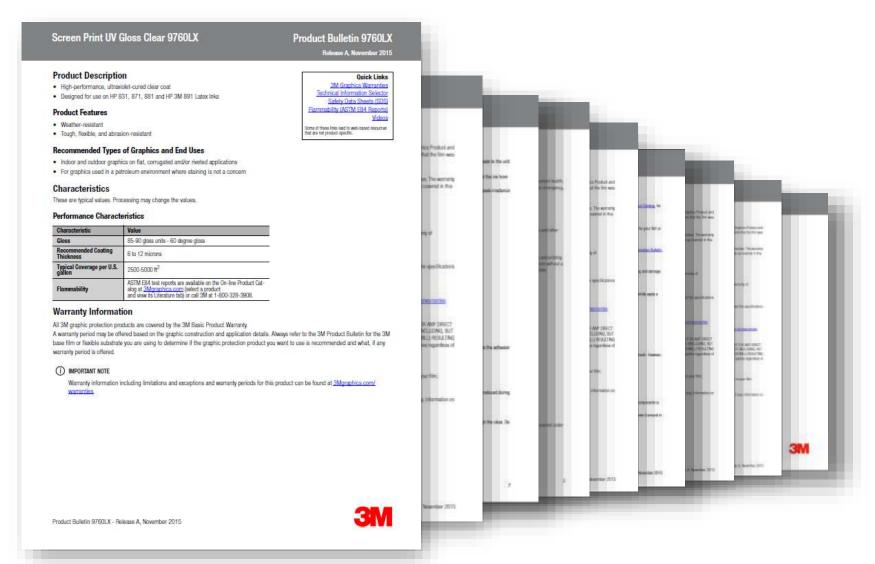






Check 3MTM Product Bulletin 9760LX for additional information

November 2015 release

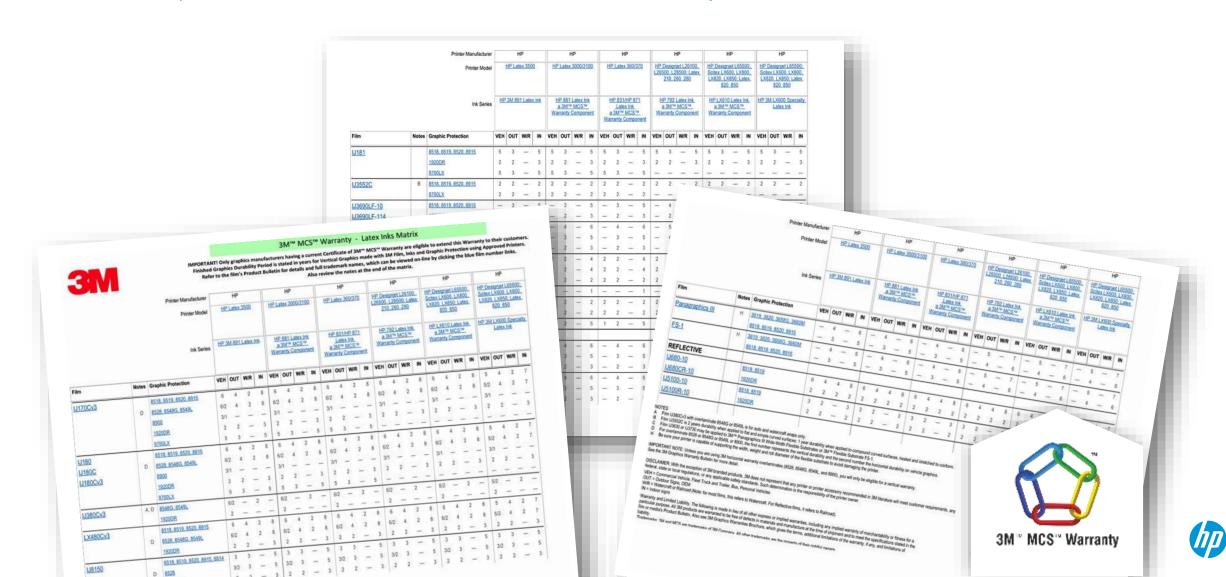






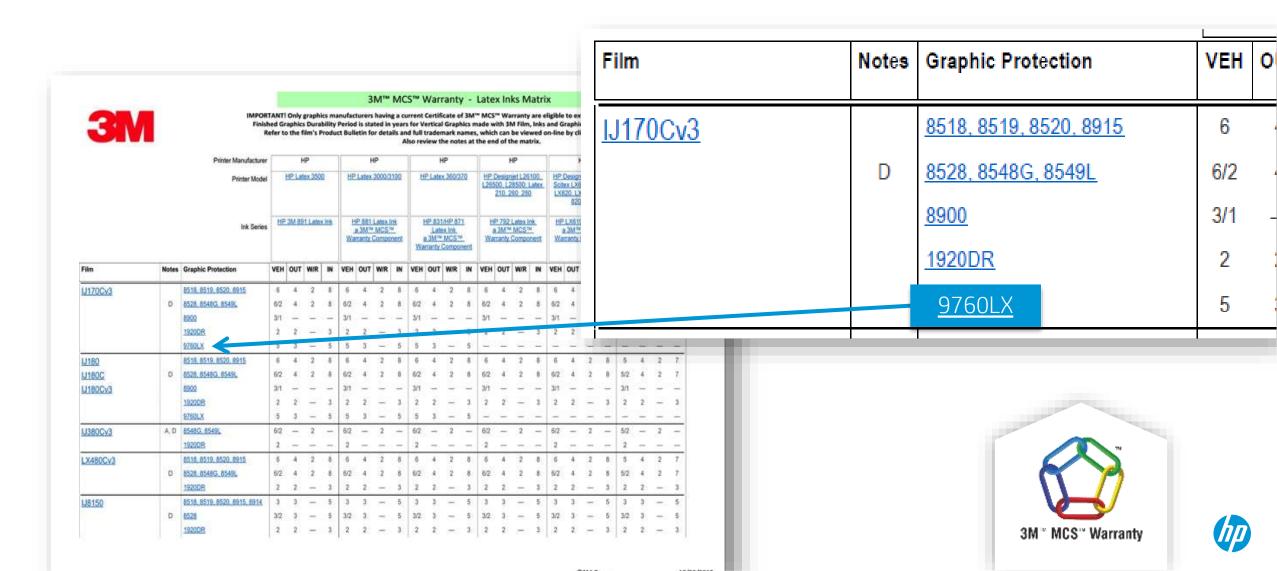
Check 3MTM documentation on the 3MTM MCSTM Warranty

Each HP Latex printer/ink has its own document: "3M™ MCS™ Warranty – Latex Ink Matrix"



Check 3MTM documentation on the 3MTM MCSTM Warranty

It already includes the information on the new liquid laminate!



Remember!

Warranty extended to 6 years with film over-laminate & new liquid over-laminate with 5-year warranty





