

Troubleshooting guide for printing problems

Our troubleshooting guide can help you solve printing problems.

Check our web site for likely causes and solutions to the following problems:

1. BLEEDING
2. BLINDING
3. CALCIUM CARBONATE
4. DOT SPREAD
5. GHOSTING
6. GLAZING
7. HICKIES
8. LINTING
9. MISTING
10. MOTTLING
11. OXIDATION
12. pH / CONDUCTIVITY
13. PICKING
14. PILING
15. PLUGGING
16. POOR DRYING OF INK
17. PREMATURE PLATE WEAR
18. SCUMMING
19. TINTING
20. TRAPPING

For further information on printing problems, please call for technical assistance.

Tel.: 1-800-996-9918
Fax: 1-800-366-8812

www.unigraphinternational.com
service@unigraphinternational.com

You've tried others...

Now, use the BEST!

Superior quality is the keyword for all Unigraph products.

Every Unigraph product is sold with a money-back guarantee.

Unigraph products are distributed by authorized dealers.

Authorized **UNIGRAPH** dealer



51 Beauvais Street
Delson, Quebec, Canada J0L 1G0
Tel.: (450) 632-5871
Fax: (450) 638-2161

Technical assistance :
Tel.: 1-800-996-9918
Fax: 1-800-366-8812

Visit our web site:

www.unigraphinternational.com
service@unigraphinternational.com

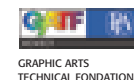
DOMINO DESIGN COMMUNICATIONS 514.727.6488



Pressroom Chemicals Guide

Coldset Newspaper Web Presses

- Fountain solutions
- Solvents
- Silicone
- Specialized products
- Aerosol products



Introduction

Unigraph products are renowned for their performance and reliability.

Unigraph International Inc., a printing industry leader, is committed to the development of new products meeting technical and environmental requirements.

Our concern with quality control demonstrates our commitment to our customers. Unigraph's experienced printing industry chemists rigorously test all products to ensure excellent performance and consistent superior quality.

Unigraph's technical support plays an important role in resolving problems encountered by the printers in the pressroom.

Unigraph International Inc. is world renowned for the chemical products it produces for the printing industry. We at Unigraph are delighted to provide you with this detailed catalogue of our coldset Web presses products to help you meet your pressroom needs.



CANADIAN PRINTING
INDUSTRIES ASSOCIATION

FOUNTAIN SOLUTIONS

CODE 212 UNI FRONT PAGE SOLUTION 7

For Web newspaper presses. This product prints clearly and stays clean even on the longest print runs. Contains an additive that eliminates calcium accumulations in the fountain solution. **pH 6.7 to 7.2**

CODE 213 UNI FRONT PAGE SOLUTION 5.5

For Web newspaper presses. This product prints clearly and stays clean, even on the longest print runs. Contains an additive that eliminates calcium accumulations in the fountain solution. **pH 5.0 to 5.5**

CODE 221 UNI PAGE SOLUTION M.A

For Web newspaper presses. This product prints clearly and stays clean, even on the longest print runs. Contains an additive that eliminates calcium deposits in the fountain solution. **pH 4.5 to 5.0**

CODE 214 UNI LITHOFOUNT N 5500

Same base as Uni Lithofount N 6000 but with a lower pH. **pH 5.0 to 5.5**

CODE 216 UNI LITHOFOUNT N 6000

For Web newspaper presses. This product prints clearly and stays clean, even on the longest print runs. **pH 6.0 to 6.5**

CODE 219 UNI LITHOFOUNT N 7000

For Web newspaper presses. This product prints clearly and stays clean, even on the longest print runs. **pH 6.7 to 7.2**

CODE 222 UNI LITHOFOUNT 2000

Concentrated eco-friendly fountain solution. For business form and Web newspaper presses. Contains no chromium or phosphate. Very low VOC's. **pH 3.9 to 4.2**

CODE 242 UNI LITHOFOUNT 3000 G

Eco-friendly fountain solution for Web and business form presses. Contains an additive that eliminates calcium deposits in the fountain solution and contains no chromium or phosphate. Very low VOC's. **pH 3.6 to 4.1**

CODE 299 UNI ALKALINE SOLUTION

Fountain solution designed for the Web presses. This product helps to reduce blanket piling, increases plate life, gives a sharper image and does not contain VOC's. **pH 9.5 to 10.5**

TECHNICAL LITERATURE

Unigraph provides a selection of free documents to answer your questions and to boost your production performance.

MSDS's available :

Tel.: 1-800-996-9918 Fax: 1-800-366-8812
service@unigraphinternational.com

ADDITIVES

FOR FOUNTAIN SOLUTIONS

CODE 313 UNI ANTI-FOAM SUPERCONCENTRATED

For plate processor and fountain solutions.

CODE 314 UNI ANTI-FOAM

For plate processor and fountain solutions.

CODE 397 UNI ADDITIVE FOR ALKALINE PAPER

Fountain solution additive.

CODE 312 UNI MOULD PREVENTATIVE

Prevents mould and bacteria from developing in the fountain solution.

CODE 319 UNI I.D.S.

Ink drying stimulator.

CODE 337 UNI NON PILING ADDITIVE

Special additive used to reduce and eliminate blanket piling and the transfer of paper coating in the ink train.

CODE 377 UNI PLATE DESENSITIZER

Desensitizes and cleans to keep shadows and reverses open.

SOLVENTS

FRONT PAGE SERIES

CODE 161 UNI FRONT PAGE ECONO

Economical solvent for Web newspaper presses.

CODE 162 UNI FRONT PAGE 162

One-step water miscible economical solvent.

CODE 163 UNI FRONT PAGE 163

Superior water miscible solvent for coldset Web presses.

CODE 164 UNI FRONT PAGE 164

Superior solvent for Web newspaper press rollers and blankets.

CODE 165 UNI FRONT PAGE 165

Fast drying economical solvent for Web newspaper presses.

CODE 166 UNI FRONT PAGE 166

Water miscible cleaner for automatic washing systems. (Web presses)

CODE 167 UNI FRONT PAGE U.V.

Supreme UV water miscible solvent for Web newspaper presses.

CUSTOM SOLVENT BLENDING

We will be glad to custom blend the product you need to solve any problem at no extra charge.

NOTE: Minimum order required.

PLATE CLEANERS

CODE 373 UNI PLATE CLEANER 3 IN 1

Cleans, desensitizes and protects plates in a single operation.

CODE 375 UNI PLATE CLEANER R

Used for all kinds of aluminum plates.

CODE 376 UNI SCRATCH REMOVER

For subtractive and additive plates.

CODE 395 UNI PLATE CLEANER 395

Powerful plate cleaner and densensitizer.

PROTECTIVE GUMS

CODE 309 UNI GUM ARABIC 14° BAUMÉ

100% pure gum.

CODE 335 UNI ASPHALTUM GUM

For short and long term storage.

CODE 336 UNI FRONT PAGE GUM FINISHER

Pure gum arabic solution with additional acids for quick, clean start-ups in newsprint applications.

THE SILICONE SERIES

All Unigraph silicone concentrates, silicone anti-marking emulsions and Uni Enviro S.A. (slipping agents) are non-toxic, non-volatile and non-flammable.

SILICONE

CODE 710 Uni Silicone 60 %

CODE 711 Uni Silicone 60AHC

CODE 712 Uni Silicone 50AHC

CODE 713 Uni Silicone 30AH

CODE 714 Uni Silicone 20AH

SILICONE ANTI-MARKING EMULSIONS

CODE 720 Uni Silicone Anti-Marking Emulsion 60A

CODE 721 Uni Silicone Anti-Marking Emulsion 60AHC

CODE 722 Uni Silicone Anti-Marking Emulsion 50AHC

CODE 723 Uni Silicone Anti-Marking Emulsion 40AH

UNI ENVIRO S.A. « slipping agents »

CODE 730 Uni Enviro S.A. 60 %

CODE 733 Uni Enviro S.A. 35 %

ANTI-STATIC

CODE 740 Uni Anti-Static 740

DOSING

How to control dosage of silicone anti-marking emulsion using the conductivity meter.

Ex. If the conductivity of the water is 300 micromhos and if the conductivity of the diluted solution is 800 micromhos, just perform the following operation:
800 - 300 = 500 mmhos (500 mmhos ÷ 100 mmhos) = approximately 5 % solid.

SPECIALIZED PRODUCTS

CODE 311 UNI CHROME CLEANER

Chrome roller cleaner.

CODE 332 UNI CHROME DESENSITIZER

Chrome roller desensitizer.

CODE 302 UNI DEGLAZER O.D.

Concentrated and extremely safe deglazer for rollers and blankets.

CODE 303 UNI DEGLAZER PLUS

Deglazer and revitalizer for rollers and blankets. Safely and effectively removes build-ups of ink and paper residues.

CODE 306 UNI D.C.

Concentrated sleeve cleaner.

CODE 379 UNI BLANKET FIX

Used to raise low spots, smashes or minor dents in the blanket surfaces.

CODE 333 UNI 333

Biodegradable cleaner for metering roller.

CODE 307 UNI ROLLER LUBE

Lubricates and prevents damage caused by friction build-up on the rollers of multi-unit presses when idling one or more units.

CODE 308 UNI FILM CLEANER

Removes grease, fingerprints and marks from film.

CODE 320 UNI HAND SOAP (non abrasive)

Hand cleaner and conditioner.

CODE 321 UNI HAND SOAP (abrasive)

Hand cleaner and conditioner.

AEROSOL PRODUCTS

CODE 520 UNI SILICONE LUBRICANT

A fast, economical, multi-purpose silicone lubricant that penetrates deeply, eliminating sticking problems and annoying squeaks.

CODE 530 UNI ANTISTATIC GLASS CLEANER

Environmental product, it cleans glass without leaving oily residue. Its lemon fragrance makes it pleasant to use. This product is ozone friendly and contains no CFC's.

PACKAGING

Plastic container	1 liter	12 per box
Plastic container	4 liters	4 per box
Metal container	4 liters	4 per box
Plastic container	10 liters	2 per box
Metal drum	25 liters and 208 liters	
Plastic drum	113 liters and 208 liters	
Tote – Solvents		1305 liters
Tote – Fountain solutions, Alcofount		1100 liters