

Product Name: M-400 Offset Ink

Substrates Marked

Preferred: Uncured "Green" Tire Stock
Acceptable: Various uncured rubber products requiring a curable ink

Product Specifications/Characteristics

UN Number	1210	Flash Point	212° F (100°C)
Type	Offset	Recommended Storage	32°- 90° F (0°C – 32.2°C)
Colorant	Pigment	Shelf Life	1 year
Viscosity	Semi-Paste	Package	Vapor barrier polyethylene
Drying Time	30-60 minutes	Unit	See chart below
Open Time	6-8 hours	Density	See chart below
DOT Regulations	Flammable	RCRA Waste Number	D001
VOC	See chart below	Thinner	#27 (fast) or #3 (slow)
SDS Sheet Numbers	See chart below	Cleaner	#1
HMIS Rating	1*-1-0	NFPA Rating	1-1-0
Carcinogen	Disappearing	Specific Gravity	See chart below

Description/Special Properties

Low odor and low toxicity heavily pigmented version of M-202. Provide maximum contrast when marking on tire stock. Will not offset onto mold during vulcanization. Use on external rubber surfaces only. Special type of M-400 for use as a disappearing ink. Will disappear when exposed to conventional vulcanization temperatures. HF versions formulated to eliminate the Hazardous Air Pollutant solvents contained in the other M-400 inks. This is NOT a curable ink.

Application/Compatibility

Printhead: Matthews Offset Printer (large type size)
Rubber Compounds: R-500

Formulations Available

Color	Item Number	Unit of Measure	VOC	Density	Specific Gravity	SDS Number
Blue	71001069	Case of 6 x 1 Liter Bottles	727 g/l	11.75 lbs/gal	1.411	4910
Blue	71001068	Case of 4 x 4 Liter Bottles	727 g/l	11.75 lbs/gal	1.411	4910
Blue	71001067	55 Gallon Drum	727 g/l	11.75 lbs/gal	1.411	4910
Chartreuse	71001100	5 Gallon Pail	798 g/l	9.43 lbs/gal	1.132	4912
Disappearing	71001084	Case of 6 x 1 Liter Bottles	722 g/l	10.39 lbs/gal	1.248	4914
Disappearing	71001083	Case of 4 x 4 Liter Bottles	722 g/l	10.39 lbs/gal	1.248	4914
Disappearing	71001082	55 Gallon Drum	722 g/l	10.39 lbs/gal	1.248	4914
HF NL Light Green	71076957	Case of 6 x 1 Liter Bottles	766 g/l	11.51 lbs/gal	1.381	4923
HF NL Light Green	71076955	Case of 6 x 1 Liter Bottles	766 g/l	11.51 lbs/gal	1.381	4923
HF NL Light Green	71076954	55 Gallon Drum	766 g/l	11.51 lbs/gal	1.381	4923

Product Name: M-400 Offset Ink

Color	Item Number	Unit of Measure	VOC	Density	Specific Gravity	SDS Number
HF Blue	71002487	Case of 4 x 4 Liter Bottles	752 g/l	12.16 lbs/gal	1.460	4925
HF Blue	71002486	55 Gallon Drum	752 g/l	12.16 lbs/gal	1.460	4925
HF White	71002493	Case of 6 x 1 Liter Bottles	713 g/l	13.12 lbs/gal	1.575	4926
HF White	71002867	Case of 4 x 4 Liter Bottles	713 g/l	13.12 lbs/gal	1.575	4926
HF White	71002866	5 Gallon Pail	713 g/l	13.12 lbs/gal	1.575	4926
HF White	71002491	55 Gallon Drum	713 g/l	13.12 lbs/gal	1.575	4926
HF Yellow	71002497	Case of 4 x 4 Liter Bottles	794 g/l	11.70 lbs/gal	1.404	4927
HF Yellow	71002495	5 Gallon Pail	794 g/l	11.70 lbs/gal	1.404	4927
HF Yellow	71002496	55 Gallon Drum	794 g/l	11.70 lbs/gal	1.404	4927
NL Light Green	71001073	Case of 6 x 1 Liter Bottles	740 g/l	11.11 lbs/gal	1.333	4928
NL Light Green	71001072	Case of 4 x 4 Liter Bottles	740 g/l	11.11 lbs/gal	1.333	4928
NL Light Green	71005582	55 Gallon Drum	740 g/l	11.11 lbs/gal	1.333	4928
NL Orange	71001095	Case of 6 x 1 Liter Bottles	701 g/l	9.52 lbs/gal	1.143	4929
NL Orange	71001094	Case of 4 x 4 Liter Bottles	701 g/l	9.52 lbs/gal	1.143	4929
NL Orange	71001093	55 Gallon Drum	701 g/l	9.52 lbs/gal	1.143	4929
NL Yellow	71001090	Case of 6 x 1 Liter Bottles	766 g/l	11.28 lbs/gal	1.354	4934
NL Yellow	71001089	Case of 4 x 4 Liter Bottles	766 g/l	11.28 lbs/gal	1.354	4934
NL Yellow	71001087	5 Gallon Pail	766 g/l	11.28 lbs/gal	1.354	4934
NL Yellow	71001088	55 Gallon Drum	766 g/l	11.28 lbs/gal	1.354	4934
Pink	71001097	Case of 4 x 4 Liter Bottles	736 g/l	12.07 lbs/gal	1.449	4935
Red	71001077	Case of 6 x 1 Liter Bottles	683 g/l	10.16 lbs/gal	1.220	4937
Red	71001076	Case of 4 x 4 Liter Bottles	683 g/l	10.16 lbs/gal	1.220	4937
Special White	71001079	Case of 4 x 4 Liter Bottles	678 g/l	13.05 lbs/gal	1.566	4939

A Safety Data Sheet is furnished with every order.

Original Date: November 29, 2012

Revision Date: June 20, 2016