

Sign Face Materials

Material Producer List
Materials and Tests Division

Sign Face Materials

The following manufacturers of reflective sheeting have complied with the requirements of DMS-8300, "Sign Face Materials."

The materials listed below are pre-qualified for use when DMS-8300 is referenced. These materials require no further testing before use unless deemed necessary by the Project Engineer or the Materials and Tests Division (MTD). Tex-720-I, "Sampling Sign Face Materials," describes the sampling method.

The Department reserves the right to conduct random sampling of pre-qualified, certified materials for testing and to perform random audits of test reports. Department representatives may sample material from the manufacturing plant, the project site, and the warehouse. MTD reserves the right to test samples to verify compliance with DMS-8300.

For qualification on the MPL contact DMS_Prequal@txdot.gov following the pre-qualification procedure of DMS-8300. For additional information contact the MTD's Coatings, Calibration and Traffic Materials Section at (737)-291-8064.

Manufacturer Code for Sign Decals

Supplier	Contact	Producer Code	Decal Code
3M	Brandt A. Cornwall bacornwall@mmm.com (281)-788-1255 Sean Simmons ssimmons@mmm.com (512)-969-9725	99914	B
American Traffic Safety Materials Inc.	Janice Knowles traffcatsm@gmail.com	-	F
Aura Optical Systems	Drew Buoni buoni@auraopticalsystems.com (801)-668-3439	98289	I
Avery Dennison Corporation	Michael Lowe michael.lowe@averydennison.com (469)-502-1463	99881	C
Nippon Carbide Industries Inc.	Charlie Bond cbond@nikkalite.com (972)-394-3800	99913	A
ORAFOL Americas Inc.	Heather Roden, Business Development Manager Heather.roden@orafol.com (860)-874-6604	99915	E

Supplier	Contact	Producer Code	Decal Code
	Chris Gaudette, Manager of Specification & Testing Chris.gaudette@orafol.com (860)-676-7181		

The following sign face tables apply to projects using the typical sign standards for 2013 ([TSR-13](#)).

Type A

Producer (Decal Code)	Brand	Color	Model
3M (B)	3M	White	3830
Avery Dennison Corporation (C)	Avery Dennison	White (Silver)	T-5500C
Nippon Carbide Industries Inc. (A)	Nikkalite	White (Silver)	N512
ORAFOL Americas Inc. (E)	ORALITE 5800	White	010

Type B

Producer (Decal Code)	Brand	Color	Model
3M (B)	3M	Red	3932
		Green	3937

Producer (Decal Code)	Brand	Color	Model
		Blue	3935
		Brown	3939
		Yellow	3931
Avery Dennison Corporation (C)	Avery Dennison	White (Silver)	T-6500, T-7500
		Red	T-6508, T-7508
		Green	T-6507, T-7507
		Blue	T-6505, T-7505
		Yellow	T-6501, T-7501
		Brown	T-6509, T-7509
Nippon Carbide Industries Inc. (A)	Nikkalite	Red	92805, CRG 94805
		Green	92808, CRG 94808
		Blue	92806, CRG 94806
		Yellow	92804, CRG 94804
ORAFOL Americas Inc. (E)	ORALITE	Red	5900-030
		Green	5900-060, 7900-060
		Blue	5900-050, 7900-050
		Yellow	5900-020, 7900-020
		Brown	5900-080

Type B – Rotationally Sensitive

Producer (Decal Code)	Brand	Color	Model
3M (B)	3M	White (Silver)	3930
Nippon Carbide Industries Inc. (A)	Nikkalite	White (Silver)	92802, CRG 94802
ORAFOL Americas Inc. (E)	ORALITE	White	5900-010, 7900-010

Type B_{FL} – Fluorescent

Producer (Decal Code)	Brand	Color	Model
3M (B)	3M	Fluorescent Yellow	3921
		Fluorescent Yellow Green	3923
Avery Dennison Corporation (C)	Avery Dennison	Fluorescent Yellow	T-7511
		Fluorescent Yellow Green	T-7513
Nippon Carbide Industries Inc. (A)	Nikkalite	Fluorescent Yellow	92894
		Fluorescent Yellow Green	92844
ORAFOL Americas Inc. (E)	ORALITE	Fluorescent Yellow	7900-037

Producer (Decal Code)	Brand	Color	Model
		Fluorescent Yellow Green	7900-029

Type D

Producer (Decal Code)	Color	Model
Avery Dennison Corporation (C)	White	T-11500

Type D – Rotationally Sensitive

Producer (Decal Code)	Brand	Color	Model
3M (B)	3M	White (Silver)	4090
ORAFOL Americas Inc. (E)	ORALITE	White	9900

Conformable Reflective Sheeting

Producer (Decal Code)	Brand	Color	Model
3M (B)	3M	White	3910, 3310i, 3340i

Producer (Decal Code)	Brand	Color	Model
		Yellow	3911, 3311i
		Red	963-72, 973-72, 3312i
Avery Dennison Corporation (C)	Avery Dennison	White	WR-6100, WR-7100M
		Orange	WR-6104
		Yellow	WR-7101M
		Red	WR-7108M
Nippon Carbide Industries Inc. (A)	Nikkalite	White	CN 512, CS 512
		Yellow	CN 504, CS 504
		Red	CN 505
ORAFOL Americas Inc. (E)	ORALITE	White	AR-1000
		Yellow	AR-1000
		Red	AR-1000

Construction Work Zone Devices

Producer (Decal Code)	Brand	Color	Model
3M (B)	3M	Orange	3314i
		White & Orange	3334Li, 3334Ri, 3336Li, 3336Ri
		White & Red	3326Li, 3326Ri

Producer (Decal Code)	Brand	Color	Model
		White - Barrel Tape	3910, 3310i
		Orange - Barrel Tape	3314i
		White - Cone Sheeting Only	3340i (Cone Collars)
Aura Optical Systems	Aura	White & Orange	0150-4R, 0150-6R, 0150-4L, 0150-6L
Avery Dennison Corporation	Avery Dennison	Orange	T-6504
		White & Orange	W-6100, W-6142 4"L, W-6143 4"R, W-6144 6"L, W-6145 6"R W-6200, W-6242 4"L, W-6243 4"R, W-6244 6"L, W-6245 6"R
		White & Red	W-6148, W-6149
		White Barrel Tape	WR-6100, WR-7100
		Orange Barrel Tape	WR-6104
		White (Cone Sheeting Only)	WC-4100
		White	WR-7100M
		Yellow	WR-7101M, WR-6101
		Red	WR-7108M
Nippon Carbide Industries Inc.	Nikkalite	Orange	N507, CS507, 707

Producer (Decal Code)	Brand	Color	Model
		White & Orange	N517
		White & Red	N515
		White - Barrel Tape	N512, CS512
		Orange - Barrel Tape	N507, CS507
ORAFOL Americas Inc.	ORALITE	White - Barrel Tape	High Impact #015
		Orange - Barrel Tape	High Impact #11
		White - Cone Sheeting Only	Series 2010, 5934

Type B_{FL} and C_{FL} – Construction Work Zone Signs

Producer (Decal Code)	Brand	Color	Model
3M (B)	3M	Fluorescent Orange	3924S
Aura Optical Systems (I)	Aura	Fluorescent Orange	196
Avery Dennison Corporation (C)	Avery Dennison	Fluorescent Orange	WR-7114, W-7514, WU-7014
Nippon Carbide Industries Inc. (A)	Nikkalite	Fluorescent Orange	92847
ORAFOL Americas Inc. (E)	ORALITE 5930	Fluorescent Orange	038

Colored Transparent and Non-Reflective Black Film

Producer (Decal Code)	Brand	Color	Model
3M (B)	3M	Black	1178C (Opaque)
		Brown	1179C
		Red	1172C
		Yellow	1171C
		Blue	1175C
		Green ¹	1177C
American Traffic Safety Materials Inc. (F)	American Traffic Safety Materials	Black	1178A
		Brown	1179A
		Orange	N/A
		Red	1172A
		Yellow	1171A
		Blue	1175A
Avery Dennison Corporation (C)	Avery Dennison	Green ¹	1177A
		Black	OL-2003 (Opaque)
		Brown	OL-2009
		Orange	OL-2004
		Red	OL-2008
		Yellow	OL-2001

Producer (Decal Code)	Brand	Color	Model
		Blue	OL-2005
		Green ¹	OL-2007
		Clear	OL-1000, OL-2000
Nippon Carbide Industries Inc. (A)	Nikkalite	Black	103
		Brown	109
		Orange	107
		Red	105
		Yellow	104
		Blue	106
		Green ¹	108
		Clear	F-Cal EF-10801 Premium Clear Overlay Film A-Cal #142 (00142UW)
ORAFOL Americas Inc. (E)	ORALITE	Black	5061-070
		Brown	5061-080
		Orange	5061-035
		Red	5061-030
		Yellow	5061-020
		Blue	5061-050
		Green ¹	5061-060

Notes

1. Green EC film cannot be used on D- and I-series guide signs.
2. Must be used with overlay film for permanent signage and overlay not required for temporary work zone signs.

Screen Inks & Additives

Producer (Decal Code)	Brand	Color	Model
3M (B)	3M	Black	705, 885, 885I, 885N, 990-05
		Brown	717, 887, 887I, 887N, 990-07
		Red	712, 882I, 882N, 990-12
		Blue	715, 883, 883I, 883N, 990-03
		Green ¹	708, 888, 888I, 888N, 990-08
		Clear	880
		Toner	880N, 990-00, 8801
		Ink Thinner	CGS80, T-11A, 991, 711N, 8911
Avery Dennison Corporation (C)	Nazdar	Black	8493004T (4930 Series)
		Brown	8493054T (4930 Series)
		Red	8493024T (4930 Series)
		Blue	8493044T (4930 Series)
		Green ¹	8493034T (4930 Series)
		Clear	8493254T (4930 Series)

Producer (Decal Code)	Brand	Color	Model
		Ink Thinner	8493274T (4930 Series)
		Clear Coat Thinner	4917
Nippon Carbide Industries Inc. (A)	Nikkalite	Black	3503, 3603, 3803
		Brown	3509, 3609, 3809
		Red	3515, 3615, 3815
		Blue	3506, 3606, 3806
		Green ¹	3508, 3608, 3808
ORAFOL Americas Inc. (E)	Oralite Screen Printing Ink	Black	5018-070
		Red	5018-030

Notes

1. Green inks cannot be used for D- and I-series guide signs.
2. Must be used with overlay film for permanent signage and overlay not required for temporary work zone signs.

Digitally Printed Sign Inks

Producer (Decal Code)	Printer Brand	Color	Ink System	Overlay
3M (B)	EFI H1625-RS Inkjet Printer	Black	8900UV Series	1170 Clear Overlay Film
		Brown	Inks: Cyan, Yellow, Magenta,	
		Red	Black, Red, Blue	

Producer (Decal Code)	Printer Brand	Color	Ink System	Overlay
		Blue		
		Green ¹		
3M (B)	HP Latex 360/365 Printer	Black	HP 831/ HP 871 Latex Inks	1170 Clear Overlay Film
		Brown		
		Red		
		Blue		
		Green ¹		
Avery Dennison Corporation (C)	TrafficJet Pro	Black	TJUV-03	OL-1000 OL-2000
		Blue	TJUV-05	
		Green ¹	TJUV-07	
		Red	TJUV-08	
		Brown	TJUV-09	
Avery Dennison Corporation (C)	Traffic Jet Xpert	Black	TJ-03	OL-1000 OL-2000
		Blue	TJ-05	
		Green ¹	TJ-07	
		Red	TJ-08	
		Brown	TJ-09	
Nippon Carbide Industries Inc. (A)		Black	IP6-200 (SX) Series	F-Cal EF 40801 A-Cal #142
		Blue		

Producer (Decal Code)	Printer Brand	Color	Ink System	Overlay
	OKI Data M64 Traffic Printer System	Green ¹	Inks: Cyan, Yellow, Magenta, Black	
		Red		
		Brown		
Nippon Carbide Industries Inc. (A)	Nikkalite/Mimaki JV300 and JV330 Traffic Printer Systems	Black	SS21 series Inks: Cyan, Yellow, Magenta, Black	A-142 Clear UV
		Blue		
		Green ¹		
		Red		
		Brown		
Avery Dennison Corporation (C)	TrafficJet Xpress	Black	TJXpressUV03	OL-1000 UV
		Blue	TJXpressUV05	
		Green ¹	TJXpressUV07	
		Red	TJXpressUV08	
		Brown	TJXpressUV09	

Notes

1. Green inks cannot be used for D- and I- series guide signs.
2. Must be used with overlay film for permanent signage and overlay not required for temporary work zone signs.