



# Sign Face Materials

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## Material Producer List

Materials and Tests Division

## Sign Face Materials

The following manufacturers for reflective sheeting; transparent, cuttable film; and screen inks and additives have complied with DMS-8300. This Specification describes the procedure for pre-qualification.

These manufacturers are pre-qualified to supply the following products for use on Department projects and requisitions when referencing DMS-8300. These materials require no further testing before use unless deemed necessary by the Project Engineer or MTD. Tex-720-I 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 more information, contact MTD's Coatings and Traffic Materials Section at (512) 506-5870.

### Manufacturer Code for Sign Decals

Manufacturer	Decal Code
3M Company	B
American Traffic Safety Materials, Inc	F
Aura Optical Systems	I
Avery Dennison Corporation	C
Nippon Carbide Industries, Inc.	A
Orafol Americas, Inc	E

The following sign face tables apply to projects using the typical sign requirement standard for 2013 (TSR-13).

### *Type A*

Manufacturer	Brand	Color	Model
Avery Dennison Corporation  Decal Code: C	Avery Dennison	White (Silver)	T-5500B T-5500C
Nippon Carbide Industries, Inc.  Decal Code: A	Nikkalite	White (Silver)	N512

Manufacturer	Brand	Color	Model
ORAFOL Americas, Inc. Decal Code: E 3M Company	Oralite 5800	White	010
Decal Code: B	3M	White	3830

### Type B

Manufacturer	Brand	Color	Model
3M Company Decal Code: B	3M	Red	3932, 3942, 3992
		Green	3937, 3947, 3997
		Blue	3935, 3945, 3995
		Brown	3939, 3949
		Yellow	3931, 3941, 3991
Avery Dennison Corporation Decal Code: 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. Decal Code: A	Nikkalite	Red	92805, CRG 94805
		Green	92808, CRG 94808
		Blue	92806, CRG 94806
		Yellow	92804, CRG 94804
ORAFOL Americas, Inc. Decal Code: E	ORALITE	Yellow	5900-020, 7900-020
		Red	5900-030
		Blue	5900-050, 7900-050
		Green	5900-060, 7900-060
		Brown	5900-080

### Type B – Rotationally Sensitive

Manufacturer	Brand	Color	Model
3M Company Decal Code: B	3M	White (Silver)	3930, 3940, 3990
Nippon Carbide Industries, Inc. Decal Code: A	Nikkalite	White (Silver)	92802, CRG 94802
ORAFOL Americas, Inc. Decal Code: E	ORALITE	White	5900-010, 7900-010

**Type B<sub>FL</sub> – Fluorescent**

Manufacturer	Brand	Color	Model
3M Company Decal Code: B	3M	Fluorescent Yellow	3921
		Fluorescent Yellow Green	3923
Avery Dennison Corporation Decal Code: C	Avery Dennison	Fluorescent Yellow	T-7511, T-9511
		Fluorescent Yellow Green	T-7513
Nippon Carbide Industries, Inc. Decal Code: A	Nikkalite	Fluorescent Yellow	92894
		Fluorescent Yellow Green	92844
ORAFOL Americas, Inc. Decal Code: E	ORALITE	Fluorescent Yellow	7900-037
		Fluorescent Yellow Green	7900-029

**Type D**

Manufacturer	Brand	Color	Model
Avery Dennison Corporation Decal Code: C	Avery Dennison	White	T-11500

**Type D – Rotationally Sensitive**

Manufacturer	Brand	Color	Model
3M Company Decal Code: B	3M	White (Silver)	4090

**Conformable Reflective Sheeting**

Manufacturer	Color	Model
3M Company Decal Code: B	White	3310, 3910
	Yellow	3911, 3311
	Red	963-72, 973-72
Avery Dennison Corporation Decal Code: C	White	T-5500A, WR-6100, WR-7100M
	Orange	WR-6104
	Yellow	WR-7101M
	Red	WR-7108M

Manufacturer	Color	Model
Nippon Carbide Industries, Inc. Decal Code: A	White	CN 512, CS 512
	Yellow	CN 504, CS 504
	Red	CN 505
ORAFOL Americas, Inc. Decal Code: E	White	AR-1000
	Yellow	AR-1000
	Red	AR-1000

## Construction Work Zone Signs and Devices

### Construction Work Zone Devices

Manufacturer	Brand	Color	Model
Aura Optical Systems Decal Code: I	Aura	White & Orange	0150-4R, 0150-4L, 0150-6R, 0150-6L
		Orange	T-5504A, T-6504
Avery Dennison Corporation Decal Code: C	Avery Dennison	White & Orange	W-6100: W-6142 4"L, W-6143 4"R, W-6144 6"L,W-6145 6"R
		White & Red	W-6200: W-6242 4"L, W-6243 4"R, W-6244 6"L,W-6245 6"R
		White & Red	W-6148, W-6149
		Barrel Tape White	WR-6100, WR-7100
		Barrel Tape Orange	WR-6104
		White (Cone Sheeting Only)	S-9000C, WC-4100
		White	WR-7100M
		Yellow	WR-7101M, WR-6101
		Red	WR-7108M
		Nippon Carbide Industries, Inc. Decal Code: A	Nikkalite
White & Orange	N517		
White & Red	N515		
Barrel Tape White	N512, CS512		
Barrel Tape Orange	N507, CS507		
ORAFOL Americas, Inc. Decal Code: E	Oralite	Barrel Tape White	High Impact #015
		Barrel Tape Orange	High Impact #11
		White (Cone Sheeting Only)	Series 2010, 5934

### Construction Work Zone Devices

Manufacturer	Brand	Color	Model
3M Company Decal Code: B	3M	Orange	3314
		White & Orange	384L, 384R, 334L, 334R, 336L, 336R, 3336R, 3336L, 3334L, 3334
		White & Red	3226L, 3326R
		Barrel Tape White	3310, 3910
		Barrel Tape Orange	3314
		White (Cone Sheeting Only)	3340

### Construction Work Zone Signs

#### Type B<sub>FL</sub> and C<sub>FL</sub>

Manufacturer	Brand	Color	Model
Avery Dennison Corporation Decal Code: C	Avery Dennison	Orange	W-7514, WU-7014
Nippon Carbide Industries, Inc. Decal Code: A	Nikkalite	Orange	92847
3M Company Decal Code: B	3M	Orange	3924G, 3924S, 3954
ORAFOL Americas, Inc. Decal Code: E	Oralite 5930	Orange	038
Aura Optical Systems Decal Code: I	Aura	Orange	196

### Colored Transparent and Non-Reflective Black Film

Manufacturer	Brand	Color	Model
American Traffic Safety Materials, Inc. Decal Code: F	American Traffic Safety Materials	Red	1172A
		Orange	N/A
		Green <sup>1</sup>	1177A
		Blue	1175A
		Brown	1179A
		Yellow	1171A
		Black	1178A

Avery Dennison Corporation Decal Code: C	Avery Dennison	Red	OL-2008
		Orange	OL-2004
		Green <sup>1</sup>	OL-2007
		Blue	OL-2005
		Brown	OL-2009
		Yellow	OL-2001
		Black	OL-2003 (Opaque)
		Clear	OL-2000 OL-1000
		Nippon Carbide Industries, Inc. Decal Code: A	Nikkalite
Orange	107		
Green <sup>1</sup>	108		
Blue	106		
Brown	109		
Yellow	104		
Black	103		
Clear	F-CAL EF-10801 Premium Clear Overlay Film A-Cal #142 (00142UW)		
3M Company Decal Code: B	3M		
		Orange	1174C
		Green <sup>1</sup>	1177C
		Blue	1175C
		Brown	1179C
		Yellow	1171C
		Black	1178C (Opaque)
ORAFOL Americas, Inc. Decal Code: E	ORALITE	Red	5061-030
		Orange	5061-035
		Green <sup>1</sup>	5061-060
		Blue	5061-050
		Brown	5061-080
		Yellow	5061-020
		Black	5061-070

1. Green EC film cannot be used on D- and I-series guide signs.

### Screen Inks & Additives

Manufacturer	Brand	Color	Model
Avery Dennison Corporation Decal Code: C	Nazdar	Red	8493024T (4930 Series)
		Green <sup>1</sup>	8493034T (4930 Series)
		Blue	8493044T (4930 Series)

Manufacturer	Brand	Color	Model
		Brown	8493054T (4930 Series)
		Clear	8493254T (4930 Series)
		Black	8493004T (4930 Series)
		Ink Thinner	8493274T (4930 Series)
		Clear Coat Thinner	4917
Nippon Carbide Industries, Inc.  Decal Code: A	Nikkalite	Red	3515, 3615, 3815
		Green <sup>1</sup>	3508, 3608, 3808
		Blue	3506, 3606, 3806
		Brown	3509, 3609, 3809
		Black	3503, 3603, 3803
3M Company  Decal Code: B	3M	Red	712, 882I, 990-12, 882N
		Green <sup>1</sup>	888, 708, 888I, 990-08, 888N
		Blue	883, 715, 883I, 990-03, 883N
		Brown	717, 887, 887I, 887N, 990-07
		Clear	880
		Black	885, 705, 885I, 990-05, 885N
		Toner	8801, 990-00, 880N
ORAFOL Americas, Inc.  Decal Code: E	Oralite Screen Printing Ink	Red	5018-030
		Black	5018-070

Digitally Printed Sign Inks				
Manufacturer	Printer Brand	Sign Colors	Ink System	Overlay
Avery Dennison Corporation  Decal Code: C	Traffic Jet	Black	TJ-03 Black	OL-2000 or OL-1000
		Blue	TJ-05 Blue	
		Green <sup>1</sup>	TJ-07 Green	
		Red	TJ-08 Red	
		Brown	TJ-09 Brown	
Avery Dennison Corporation  Decal Code: C	TrafficJet Pro	Black	TJUV-03	OL-2000 or OL-1000
		Blue	TJUV-05	
		Green <sup>1</sup>	TJUV-07	
		Red	TJUV-08	
		Brown	TJUV-09	
Nippon Carbide Industries, Inc.	OKI Data M64 Traffic Printer System	Black	IP6-200(SX) series inks—cyan, magenta, yellow, and black	F-Cal EF-40801 or A-Cal #142
		Blue		
		Green <sup>1</sup>		



Digitally Printed Sign Inks				
Decal Code: A		Red		
		Brown		
		Black		
3M Company	EFI H1625-RS Inkjet Printer	Blue	8900UV series inks -blue, black, red, yellow, magenta, and cyan	1170 clear overlay film
Decal Code: B		Green <sup>1</sup>		
		Red		
		Brown		
3M Company	HP Latex 360/365 printer	Black	HP 831/HP 871 Latex inks	1170 clear overlay film
Decal Code: B		Blue		
		Green <sup>1</sup>		
		Red		
		Brown		

1. Green inks cannot be used for D- and I- series guide signs.

### *Anti-Graffiti Coatings*

Manufacturer	Brand
Niagara Global	Niagara Clear Sign Saver Protective Barrier with Niagara Clean Traffic Sign Saver Cleaner
Nippon Carbide Industries, Inc.	F-Cal EF-40801 Premium Clear Overlay Film
Decal Code: A	