



Sign Face Materials

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.

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
ORAFOL Americas, Inc. Decal Code: E	Oralite 5800	White	010
3M Company 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_{FL} – 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
	Orange	WR-6104
Nippon Carbide Industries, Inc. Decal Code: A	White	CN 512, CS 512
	Yellow	CN 504, CS 504
	Red	CN 505

Manufacturer	Color	Model
ORAFOL Americas, Inc.	White	AR-1000
	Yellow	AR-1000
Decal Code: E	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
		Barrel Tape White	W-6146, W-6147
		Barrel Tape Orange	WR-6100, WR-7100
		Barrel Tape Orange	WR-6104
		White (Cone Sheeting Only)	S-9000C
		White	WR-7100M
		Yellow	WR-7101M
		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
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_{FL} and C_{FL}

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

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 ¹	1177A
		Blue	1175A
		Brown	1179A
		Yellow	1171A
		Black	1178A
Avery Dennison Corporation Decal Code: C	Avery Dennison	Red	OL-2008
		Orange	OL-2004
		Green ¹	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	Red	105
		Orange	107
		Green ¹	108
		Blue	106
		Brown	109
		Yellow	104
		Black	103
		Clear	F-CAL EF-10801 Premium Clear Overlay Film A-Cal #142 (00142UW)

Manufacturer	Brand	Color	Model
3M Company Decal Code: B	3M	Red	1172C
		Orange	1174C
		Green ¹	1177C
		Blue	1175C
		Brown	1179C
		Yellow	1171C
		Black	1178C (Opaque)
ORAFOL Americas, Inc. Decal Code: E	ORALITE	Red	5061-030
		Orange	5061-035
		Green ¹	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 ¹	8493034T (4930 Series)
		Blue	8493044T (4930 Series)
		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 ¹	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 ¹	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
Ink Thinner	T-11A, 8911, 711N, 991, CGS80		

Manufacturer	Brand	Color	Model
ORAFOL Americas, Inc.	Oralite Screen Printing Ink	Red	5018-030
Decal Code: E		Black	5018-070
Digitally Printed Screen Inks			
Avery Dennison Corporation Decal Code: C	Traffic Jet ²	Black	TJ-03
		Blue	TJ-05
		Green	TJ-07
		Red ¹	TJ-08
		Brown	TJ-09
Nippon Carbide Industries, Inc.	Nikkalite / OKI Data M64 Traffic Printer System ³	Black	IP6-200(SX) series inks—cyan, magenta, yellow, and black
		Blue	
		Green ¹	
		Red	
		Brown	

1. Green inks cannot be used for D- and I- series guide signs.
2. Must be used with overlay film OL-2000 or OL-1000.
3. Must be used with F-Cal EF-40801 or A-Cal #142 overlay film.

Anti-Graffiti Coatings

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