

Land Transport Rule: Traffic Control Devices 2004—Reflective Material Approved for Use on Traffic Signs

Pursuant to clause 4.4(7) of Land Transport Rule: Traffic Control Devices 2004 and a delegation from the NZ Transport Agency, I, Glenn Bunting, Manager Network Safety, approve the reflective materials listed in the schedules in this notice for use on traffic signs.

Schedule 1—Approved Material

The following material is approved for use on traffic signs:

Supplier	Material	Colours	AS 1906.1:2017 sheeting class
3M Australia Pty Ltd	3M™ 4000 Series Diamond Grade™ DG3 Premium Wide Observation Angle Prismatic Retroreflective Sheeting	Fluorescent Orange (4084)	1100T
3M Australia Pty Ltd	3MTM 4000 Series Diamond Grade™ DG3 Premium Wide Observation Angle Prismatic Retroreflective Sheeting	Fluorescent Yellow (4081) Fluorescent Yellow-Green (4083) White (4090)	1100
3M Australia Pty Ltd	3MTM 3800 Series High Intensity Prismatic Retroreflective Sheeting	White (3830) Yellow (3831)	400T
Avery Dennison	Avery Dennison® T-11500 Series Omnicube™ Premium Wide Observation Angle Prismatic Retroreflective Sheeting	Fluorescent Yellow Green (T-11513) Fluorescent Yellow (T-11511)	1100
Avery Dennison	Avery Dennison® W-11500 Series Omnicube™ Premium Wide Observation Angle Prismatic Retroreflective Sheeting	Fluorescent Orange (W-11514)	1100T
Avery Dennison	Avery Dennison® T-11500 Series Omnicube™ Premium Wide Observation Angle Prismatic Retroreflective Sheeting	White (T-11500) Yellow (T-11501) Red (T-11508) Blue (T-11505) NZ Green (T-11507)	1100
Avery Dennison	Avery Dennison® T-11500 Series White Omnicube™ Premium Wide Observation Angle Prismatic Retroreflective Sheeting with OL-2000 Series Colour Overlay Film ECF	NZ Green (OL-2007) Dark Green (OL-2027) Red (OL-2008)	1100
Avery Dennison	Avery Dennison® T-11500 Omnicube™ Premium Wide Observation Angle Prismatic Retroreflective Sheeting White with TJ Series Digital Printing Ink and OL 2000 Series Clear Overlay Film	Yellow (TJ-01)/OL 2000 Blue (TJ-05)/OL 2000 NZ Green (TJ-07)/OL 2000 Red (TJ-08)/OL 2000 Brown (TJ-09)/OL 2000 Dark Green (TJ-27)/OL 2000	1100
Avery Dennison	Avery Dennison® T-6500 High Intensity Prismatic Retroreflective Sheeting White with OL 2000 Series Colour Overlay Film ECF	Red OL-2008 NZ Green OL-2007 Dark Green OL-2027 Yellow OL-2001	400
Avery Dennison	Avery Dennison® T-6500 High Intensity Prismatic Retroreflective Sheeting White with TJ Series Digital Printing Ink and OL 2000 Series Clear Overlay Film	Yellow (TJ-01)/OL 2000 Blue (TJ-05)/OL 2000 NZ Green (TJ-07)/OL 2000 Red (TJ-08)/OL 2000 Brown (TJ-09)/OL 2000 Dark Green (TJ-27)/OL 2000	400
Avery Dennison	Avery Dennison® T-6500 Series High Intensity Prismatic Retroreflective Sheeting	White 6500 Yellow 6501	400
Avery Dennison	Avery Dennison® T-1500 Series Engineer Grade Beaded Retroreflective Sheeting	White 1500 Yellow 1501	100
ORAFOL Australia Pty Ltd	ORALITE® 5960 Series High Intensity Prismatic Retroreflective Sheeting	White (5960-010) Yellow (5960-020) Fluorescent Orange (5960-038)	400T
ORAFOL Australia Pty Ltd	ORALITE® 5930 Series High Intensity Prismatic Retroreflective Sheeting	White (5930-010) Yellow (5930-020) Fluorescent Yellow Green (5930-029) Fluorescent Yellow (5930-037) Fluorescent Orange (5930-038)	400T
ORAFOL Australia Pty Ltd	ORALITE® 5910 Series High Intensity Prismatic Retroreflective Sheeting	White (5910-010) Yellow (5910-020) Red (5910-030) Blue (5910-050) Brown (5910-080)	400

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ORAFOL Australia Pty Ltd	ORALITE® 5910-010 High Intensity Prismatic Retroreflective Sheeting White with 5018 Series Screen Printing Ink	Yellow (5018-020) Red (5018-030) Blue (5018-050) Black (5018-070) Brown (5018-080)	400
ORAFOL Australia Pty Ltd	ORALITE® 5910-010 High Intensity Prismatic Retroreflective Sheeting White with 5061 Series Colour Overlay Film ECF	Yellow (5061-020) Red (5061-030) Blue (5061-050) NZ Green (5061-060) Brown (5061-080)	400
ORAFOL Australia Pty Ltd	ORALITE® 2056 Marathon Roll Up Retroreflective Sheeting	Fluorescent Orange	400T
ORAFOL Australia Pty Ltd	ORALITE® 5946 Roll Up Retroreflective Sheeting	Fluorescent Orange White Yellow	400T
ORAFOL Australia Pty Ltd	ORALITE® 2018 Series Flexible Cone Sheeting	White (2018-010)	400T
Sakai Australia Pty Ltd	Kiwalite® 2600 Series Engineer Grade Retroreflective Sheeting	White (2613) Yellow (2643) Red (2663) NZ Green (2673) Blue (2683)	100
Sakai Australia Pty Ltd	MNtech Global RS-7000 Series High Intensity Prismatic Retroreflective Sheeting	Yellow (RS-7001) Blue (RS-7003) NZ Green (RS-7004)	900

Schedule 2—Interim Approval

The following material is approved for use on traffic signs until the interim approval expiry date in the schedule:

Supplier	Material	Colours	AS 1906.1:2017 sheeting class	Interim Approval expiry date
3M Australia Pty Ltd	3MTM 4090 Diamond Grade™ DG3 Premium Wide Observation Angle Retroreflective Sheeting White with 1170 Series Colour Overlay Film ECF	Red (1172) Blue (1175) Dark Green (1176) Black (1178)	1100	30 June 2023
3M Australia Pty Ltd	3MTM 4090 Diamond Grade™ DG3 Premium Wide Observation Angle Retroreflective Sheeting White with 8800UV Series Digital Printing Ink and 1170 Series Clear Overlay Film	Yellow (8800UV)/1170 Clear Red (8800UV)/1170 Clear Blue (8800UV)/1170 Clear NZ Green (8800UV) /1170 Clear Dark Green (8800UV)/1170 Clear	1100	30 June 2023
3M Australia Pty Ltd	3MTM 4090DS Diamond Grade™ DG3 Premium Wide Observation Angle Retroreflective Sheeting White with 8900UV Series Digital Printing Ink and 1170 Series Clear Overlay Film	Yellow (8900UV)/1170 Clear Red (8900UV)/1170 Clear Blue (8900UV)/1170 Clear Dark Green (8900UV)/1170 Clear Brown (8900UV)/1170 Clear	1100	30 June 2023
3M Australia Pty Ltd	3MTM 3930 Series High Intensity Prismatic Retroreflective Sheeting	White 3930	400	30 June 2023
3M Australia Pty Ltd	3MTM 3930 Series High Intensity Prismatic Retroreflective Sheeting White with 1170 Series Colour Overlay Film ECF	Red (1172) Blue (1175) Dark Green (1176) Black (1178)	400	30 June 2023
3M Australia Pty Ltd	3MTM 3930DS Series High Intensity Prismatic Retroreflective Sheeting White with 8800UV Series Colour Digital Printing Ink and 1170 Series Clear Overlay Film	Yellow (8800UV) /1170 Clear Red (8800UV) /1170 Clear Blue (8800UV) /1170 Clear Brown (8800UV) /1170 Clear NZ Green (8800UV) /1170 Clear Dark Green (8800UV) /1170 Clear	400	30 June 2023
3M Australia Pty Ltd	3MTM 3930 Series High Intensity Prismatic Retroreflective Sheeting White with 880 Series Screen Printing Ink	Red (882)	400	30 June 2023
3M Australia Pty Ltd	3MTM 3930DS Series High Intensity Prismatic Retroreflective Sheeting White with 8900UV Series Colour Digital Printing Ink and 1170 Series Clear Overlay Film	Yellow (8900UV) /1170 Clear Red (8900UV) /1170 Clear Blue (8900UV) /1170 Clear	400	30 June 2023
3M Australia Pty Ltd	3MTM Diamond Grade™ VIP 3990DS Series Wide Observation Angle Prismatic Retroreflective Sheeting White with 8900UV Series Colour Digital Printing Ink and 1170 Series Clear Overlay Film	Red (8900UV) /1170 Clear Blue (8900UV) /1170 Clear Brown (8900UV) /1170 Clear	400	30 June 2023

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3M Australia Pty Ltd	3MTM 3830 High Intensity Prismatic Retroreflective Sheeting White with 8800UV Series Digital Printing Ink and 1170 Series Clear Overlay Film	Yellow (8800UV) /1170 Clear Red (8800UV) /1170 Clear	400T	30 June 2023
3M Australia Pty Ltd	3MTM 3830 High Intensity Prismatic Retroreflective Sheeting White with 880 Series Screen Printing Ink	Red (882)	400T	30 June 2023
3M Australia Pty Ltd	3MTM 3824 High Intensity Prismatic Retroreflective Sheeting	Fluorescent Orange (3824)	400T	30 June 2022
3M Australia Pty Ltd	3MTM 3340 Series High Intensity Prismatic Retroreflective Sheeting for Cone Sleeves	White (3340)	400T	30 June 2021
3M Australia Pty Ltd	3MTM 3200 Series Engineer Grade Beaded Retroreflective Sheeting	White (3290)	100	30 June 2022
3M Australia Pty Ltd	3MTM 3200 Series Engineer Grade Beaded Retroreflective Sheeting White with 8800UV Digital Printing Ink and 1170 Series Clear Overlay Film	Yellow (8800UV) /1170 Clear Blue (8800UV) /1170 Clear Dark Green (8800UV) /1170 Clear	100	30 June 2022
3M Australia Pty Ltd	3MTM 3200 Series Engineer Grade Beaded Retroreflective Sheeting White with 880 Series Screen Printing Ink	Red (882)	100	30 June 2022
Avery Dennison	Avery Dennison® T-11500 Omnicube™ Premium Wide Observation Angle Prismatic Retroreflective Sheeting White with TJ Series Digital Printing Ink and OL 1000 Series anti-Graffiti Clear Overlay Film	Yellow (TJ-01)/OL 1000 anti-Graffiti Clear Blue (TJ-05)/OL 1000 anti-Graffiti Clear NZ Green (TJ-07)/OL 1000 anti-Graffiti Clear Brown (TJ-09)/OL 1000 anti-Graffiti Clear Dark Green (TJ-27)/OL 1000 anti-Graffiti Clear Red (TJ-08)/OL 1000 anti-Graffiti Clear	1100	30 June 2023
Avery Dennison	Avery Dennison® T-6500 High Intensity Prismatic Retroreflective Sheeting White with TJ Series Digital Printing Ink and OL 1000 Series anti-Graffiti Clear Overlay Film	Yellow (TJ-01)/OL 1000 anti-Graffiti Clear Red (TJ-08)/OL-1000 anti-Graffiti Clear Blue (TJ-05)/OL 1000 anti-Graffiti Clear NZ Green (TJ-07)/OL 1000 anti-Graffiti Clear Brown (TJ-09)/OL 1000 anti-Graffiti Clear Dark Green (TJ-27)/OL 1000 anti-Graffiti Clear	400	30 June 2023
Avery Dennison	Avery Dennison® W-6514 Series Retroreflective Sheeting	Fluorescent Orange W-6514	400T	12 Feb 2021
Avery Dennison	Avery Dennison® W-1500 Series Engineer Grade Beaded Retroreflective Sheeting	Orange W-1504	100T	30 June 2021
Avery Dennison	Avery Dennison® T-1500 Series Engineer Grade Beaded Retroreflective Sheeting	Blue T-1505 NZ Green T-1507 Red T-1508 Brown T-1509	100	30 June 2023
ORAFOL Australia Pty Ltd	ORALITE® 9910 Series Brilliant Grade Premium Wide Observation Angle Prismatic Retroreflective Sheeting	White (9910-010) Yellow (9910-020) Red (9910-030) Blue (9910-050) NZ Green (9910-060) Brown (9910-080) Fluorescent Yellow Green (9910-029) Fluorescent Yellow (9910-037)	1100	30 June 2023
ORAFOL Australia Pty Ltd	ORALITE® 9910 Series Brilliant Grade Premium Wide Observation Angle Prismatic Retroreflective Sheeting	Fluorescent Orange (9910-038)	1100T	30 June 2021
ORAFOL Australia Pty Ltd	ORALITE® 9910 Series Brilliant Grade Premium Wide Observation Angle Prismatic Retroreflective Sheeting White with 5019i Series Digital Printing Ink and 5061 Series Clear Overlay Film	Yellow (5019i-020) /5061 Clear Red (5019i-030) /5061 Clear Blue (5019i-050) /5061 Clear NZ Green (5019i-060) /5061 Clear Dark Green (5019i-625) /5061 Clear Black (5019i-070) /5061 Clear Brown (5019i-080) /5061 Clear	1100	30 June 2023

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ORAFOL Australia Pty Ltd	ORALITE® 9910 Series Brilliant Grade Premium Wide Observation Angle Prismatic Retroreflective Sheeting White with 5019i Series Digital Printing Ink and 5095 Series Clear Anti-Graffiti Overlay Film	Yellow (5019i-020) /5095 anti-Graffiti Clear Red (5019i-030) /5095 anti-Graffiti Clear Blue (5019i-050) /5095 anti-Graffiti Clear NZ Green (5019i-060) /5095 anti-Graffiti Clear Dark Green (5019i-625) /5095 anti-Graffiti Clear Black (5019i-070) /5095 anti-Graffiti Clear Brown (5019i-080) /5095 anti-Graffiti Clear	1100	30 June 2023
ORAFOL Australia Pty Ltd	ORALITE® 5910-010 High Intensity Prismatic Retroreflective Sheeting White with 5017 Series Digital Printing Ink and 5061 Series Clear Overlay	Yellow (5017-020) /5061 Clear Red (5017-030) /5061 Clear Blue (5017-050) /5061 Clear NZ Green (5017-060) /5061 Clear Dark Green (5017-625) /5061 Clear Black (5017-070) /5061 Clear Brown (5017-080) /5061 Clear	400	30 June 2023
Sakai Australia Pty Ltd	Kiwalite® 2600 Series Engineer Grade Beaded Retroreflective Sheeting	Orange (2653)	100T	30 June 2022
Sakai Australia Pty Ltd	MNtech Global RS-7000 Series High Intensity Prismatic Retroreflective Sheeting white with 1000 Series Colour Overlay Film ECF	Yellow (1001) Red (1005) Blue (1003) NZ Green (1004)	400	30 June 2023
<i>Note: A sign manufactured with material listed in this schedule may continue to be used after the interim approval expiry date for that material, provided the sign remains safe, appropriate and serviceable for its intended purpose.</i>				

Revocation

The notice approving reflective material for use on traffic signs, published in the [New Zealand Gazette, 5 October 2017, Notice No. 2017-au5196](#) and the amendments of that notice published in the [New Zealand Gazette, 3 August 2018, Notice No. 2018-au3761](#), [New Zealand Gazette, 20 November 2019, Notice No.2019-au5345](#) and [New Zealand Gazette, 6 May 2020, Notice No.2020-au1893](#) are hereby revoked.

Signed at Wellington this 23rd day of June 2020.

GLENN BUNTING, Manager Network Safety, NZ Transport Agency.