

## Approved Retro-Reflective Sheeting (RRS) Products and Registered Suppliers as of 01 November 2024

Table 1: Retroreflective sheeting compliant to AS/NZS1906.1:2017

Item	Class	3M	Avery Dennison	Sakai Australia	Orafol Reflective Solutions	Stylus Tapes International
White	1100	DG3 4090 or DG3 4090UDS*	Type-11500 Omni-Cube		ORALITE 9910-010	
	400	HIP 3930 or HIP 3930UDS*	T-6500 HIP	Kiwalite 55013 MNtech EC-1000 on RS-7000	ORALITE 5910-010	HIP-4001*
	400T	HIP 3830	W-6500 HIP	Kiwalite 55013	ORALITE 5960-010 ORALITE 5930-010  ORALITE 2018 Series roll up ORALITE 5946 Series roll up	HIP-4001
Yellow	1100	DG3 4091UDS* or 8900UV (digital printing) on DG3 4090DS + 1170C or 1160i*	Type-11501 Omni-Cube or OL-2001 on T-11500 Omni-Cube or TrafficJet printed T-11500 using digital traffic spot colour ink traffic yellow.		ORALITE 9910-020	
	400	HIP 3931 or 8900UV (digital printing) on HIP 3930DS +1170C or 8900UV (digital printing) on HIP 3930UDS + 1170C or 1160i*	T-6501 HIP or OL-2001 on T-6500 HIP or TrafficJet printed T-6500 using digital traffic spot colour ink traffic yellow.	Kiwalite 55043 Kiwacal AF-204 on 55013 MNtech EC-1001 on RS-7000 MNtech RS-7001	ORALITE 5910-020 or 5061-020 and or 5018-020 on 5910-010 or ANAPURNA 2050 & 2050i UV digital ink 5019- 020 +5061 transparent film	HIP-4003*
	400T	HIP 3831	W-6501 HIP or OL-2001 on T-6500 HIP or TrafficJet printed T-6500 using digital traffic spot colour ink traffic yellow.	Kiwalite 55043 Kiwacal AF-204 on 55013	ORALITE 5960-020 ORALITE 5930-020  ORALITE 2018 Series roll up ORALITE 5946 Series roll up	HIP-4003

See Notes on Page 7 for additional information.

Item	Class	3M	Avery Dennison	Sakai Australia	Orafol Reflective Solutions	Stylus Tapes International
Red	1100	1172 Film on DG3 4090 or 8900UV (digital printing) on DG3 4090DS +1170C or 8900UV (digital printing) on DG3 4090UDS + 1170C or 1160i* or 831/881 HP Latex ink (digital printing) on DG3 4090 + 1170C* or 822/873 HP Latex Ink (digital printing) on DG3 4090 + 1170C*	Type-11508 Omni-Cube or OL-2008 on T-11500 Omni-Cube or TrafficJet printed T-11500 using digital traffic spot colour ink traffic red.		ORALITE 9910-030	
	400	882 ink on HIP 3930 or 8900UV (digital printing) on HIP 3930DS +1170C or 8900UV (digital printing) on HIP 3930UDS + 1170C or 1160i* or 831/881 HP Latex ink (digital printing) on HIP 3930 + 1170C* or 832/873 HP Latex Ink (digital printing) on HIP 3930*	T-6508 HIP or OL-2008 on T-6500 HIP or TrafficJet printed T-6500 using digital traffic spot colour ink traffic red.	Kiwalite 55063 Kiwacal AF-206 on 55013 MNtech EC-1005 on RS-7000	ORALITE 5910-030 or 5061-030 and or 5018-030 on 5910-010 or ANAPURNA 2050 & 2050i UV digital ink 5019- 030 +5061 transparent film	HIP-4007*
	400T	882 Ink on HIP 3830	T-6508 HIP or OL-2008 on W-6500 HIP or TrafficJet printed W-6500 using digital traffic spot colour ink traffic red.	Kiwalite 55063 Kiwacal AF-206 on 55013	ORALITE 2018 Series roll up	
Blue	1100	1175 Film on DG3 4090 or 8900UV (digital printing) on DG3 4090DS +1170C or 8900UV (digital printing) on DG3 4090UDS + 1170C or 1160i* or 831/881 HP Latex ink (digital printing) on DG3 4090 + 1170C* or 832/873 HP Latex Ink	Type-11505 Omni-Cube or OL-2005 on T-11500 Omni-Cube or TrafficJet printed T-11500 using digital traffic spot colour ink traffic blue.		ORALITE 9910-050	

See Notes on Page 7 for additional information.

Item	Class	3M	Avery Dennison	Sakai Australia	Orafol Reflective Solutions	Stylus Tapes International
		(digital printing) on DG3 4090 +1170C*				
	400	1175 ECOF on 3930 HIP or 8900UV (digital printing) on HIP 3930DS +1170C or 8900UV (digital printing) on HIP 3930UDS + 1170C or 1160i* or 831/881 HP Latex ink (digital printing) on HIP 3930 + 1170C* or 882/873 HP Latex Ink (digital printing) on HIP 3930 + 1170C*	T-6505 HIP or OL-2005 on T-6500 Omni-Cube or TrafficJet printed T-6500 using digital traffic spot colour ink traffic blue.	Kiwalite 55083 Kiwacal AF-208 on 55013 MNtech EC-1003 on RS-7000	ORALITE 5910-050 or 5061-050 and or 5018-050 on 5910-010 or ANAPURNA 2050 & 2050i UV digital ink 5019- 050 +5061 transparent film	HIP-4011*
	400T		T-6505 HIP or OL-2005 on T-6500 HIP or TrafficJet printed T-6500 using digital traffic spot colour ink traffic blue.	Kiwalite 55083 Kiwacal AF-208 on 55013	ORALITE 2018 Series roll up	
Brown	1100	8900UV (digital printing) on DG3 4090DS +1170C or 8900UV (digital printing) on DG3 4090UDS + 1170C or 1160i* or 831/881 HP Latex ink (digital printing) on DG3 4090 + 1170C* or 882/873 HP Latex ink (digital printing) on DG3 4090 + 1170C*	Type-11509 Omni-Cube or OL-2009 on T-11500 Omni-Cube or TrafficJet printed T-11500 using digital traffic spot colour ink traffic brown.		ORALITE 9910-080	
	400	8900UV (digital printing) on HIP 3930DS +1170C or 8900UV (digital printing) on HIP 3930UDS + 1170C or 1160i* or 831/881 HP Latex ink (digital printing) on HIP 3930 + 1170C* or	T-6509 HIP or OL-2009 on T-6500 HIP or TrafficJet printed T-6500 using digital traffic spot colour ink traffic brown.	Kiwacal AF-219 on 55013	ORALITE 5910-080 or 5061-080 and or 5018-080 on 5910-010 or ANAPURNA 2050 & 2050i UV digital ink 5019- 080 +5061 transparent film	HIP-4015*

See Notes on Page 7 for additional information.

Item	Class	3M	Avery Dennison	Sakai Australia	Orafol Reflective Solutions	Stylus Tapes International
		832/873 HP Latex Ink (digital printing) on HIP 3930 + 1170C*				
	400T		T-6509 HIP or OL-2009 on W-6500 HIP or TrafficJet printed W-6500 using digital traffic spot colour ink traffic brown.	Kiwacal AF-219 on 55013		
	1100	8900UV (digital printing) on DG3 4090UDS + 1170C or 1160i* or 831/881 HP Latex ink (digital printing) on DG3 4090 + 1170C*	OL-2027 on T-11500 or TrafficJet printed T-11500 using digital traffic spot colour ink traffic green.			
Standard Green	400	8900UV (digital printing) on HIP 3930UDS + 1170C or 1160i* or 831/881 HP Latex ink (digital printing) on HIP 3930 + 1170C* or 832/873 HP Latex Ink(digital printing) on HIP 3930 + 1170C*	OL-2027 on T-6500 HIP or TrafficJet printed T-6500 using digital traffic spot colour ink traffic green.	Kiwacal FF-117 on 55013	ORALITE 5061-625 transparent film on 5910-010 or ANAPURNA 2050 & 2050i UV digital ink 5019-625 +5061 transparent film	HIP-4009*
	400T		OL-2027 on W-6500 HIP or TrafficJet printed W-6500 using digital traffic spot colour ink traffic green.	Kiwacal FF-117 on 55013		
Fluorescent Yellow / Green	1100	DG3 4083 or DG3 4083UDS*	T-11513 Omni-Cube			
	400		T-11513 Omni-Cube	Kiwalite 55033		HIP-4002*
	400T		W-6513 HIP	Kiwalite 55033	ORALITE 5930-029	HIP-4002
Fluorescent Yellow	1100	DG3 4081 or DG3 4081UDS*	T-11511 Omni-Cube			
	400		T-11511 Omni-Cube			HIP-4003*
	400T		W-6511 HIP		ORALITE 5930-037	

See Notes on Page 7 for additional information.

Item	Class	3M	Avery Dennison	Sakai Australia	Orafol Reflective Solutions	Stylus Tapes International
Fluorescent Orange	1100T	DG3 4084 or DG3 4084UDS*	W-11514 Omni-Cube			
	400	3824	W-6514 HIP	Kiwalite 55153		HIP-4004*
	400T	HIP 3824	W-6514 HIP	Kiwalite 55153	ORALITE 5960-038 ORALITE 5930-038  ORALITE 2056 Marathon Series roll up ORALITE 5946 Series roll up	HIP-4004

**Table 2: Digital printers**

Supplier	Printer	Class	Sheeting	Overlay	Inks
3M	Durst RHO 163 TS/HS	1100	DG3 4090DS	1170C overlay	8900UV ink (Traffic Yellow, Traffic Red, Red, Traffic Blue, Worboys Green, Traffic Brown)
		400	HIP 3930DS		
		1100	DG3 4090UDS	1170C or 1160i overlay	
		400	HIP 3930UDS		
	HP 360 / 365 / 1500	1100	DG3 4090	1170C overlay	HP Latex inks 831/871
		400	HIP 3930		
	HP 700 / 800	1100	DG3 4090	1170C overlay	HP Latex inks 832/873
		400	HIP 3930		
Avery Dennison	TrafficJet printer	1100	T-11500 Omni-Cube	OL-1000 or OL-2000 Overlay	TrafficJet (Red, Green, Blue, Worboys Green, Black)
		400	T-6500 HIP		
Orafol	M2050, M2050i, or H2050i LED printers	1100	ORALITE 9910-010	ORALITE 5061 - Transparent Film or ORALITE 5095 - Anti-Graffiti Film	ORALITE 5019i - 020 - Yellow ORALITE 5019i - 030 - Red ORALITE 5019i - 050 - Blue ORALITE 5019i - 080 - Brown ORALITE 5019i - 625 - Standard Green
		400	ORALITE 5910-010		
	OKI M64S Color Painter	400	ORALITE 5910-010	ORALITE 5061 - Transparent Film	ORALITE 5017-020-Yellow ORALITE 5017-030-Red ORALITE 5017-035-Orange ORALITE 5017-050-Blue ORALITE 5017-060 Green (NZ) ORALITE 5017-070-Black ORALITE 5017-080-Brown ORALITE 5017-625- Std Green
	400	ORALITE 5910-010	ORALITE 5061 - Transparent Film		

**Table 3: Flexible collar for cones and bollards**

Item	Class	3M	Avery Dennison	Nikkalite	Sakai Australia	Orafol Reflective Solutions	Stylus Tapes International
White	400T	3340 Series				Oralite 2018 Series	

**Notes:**

1. Only Class 400 and/or 400T products shall be used for road works signage in Queensland.
2. Approval is based on continued compliance with MRTS14.
3. Failure to comply with warranty requirements contained in MRTS14 will result in withdrawn approval.
4. Class 2 & 2A products are no longer specified for use in Queensland.
5. Interim approvals are shown with \*. These are based on the relevant supplier showing test reports from a recognized testing facility with compliance to AS/NZS 1906.1 'as new product'. The supplier is to also demonstrate samples at approved outdoor testing facility pending weathering exposure in accordance with the same Standard.

**Table 4: Retro-reflective sheeting registered suppliers**

Company name	Contact	Address	Contact number	Contact Email
Nikkalite Pty Ltd	Allan Trueman	PO Box 4109 Forest Lake QLD 4078	0409 746 432	<a href="mailto:sales@nikkalite.com.au">sales@nikkalite.com.au</a>
3M Australia PTY LTD	Graham Watson	Bld A 1 Rivett Road North Ryde NSW 2567	0413 024 727	<a href="mailto:glwatson@mmm.com">glwatson@mmm.com</a>
Avery Dennison Materials PTY LTD	James Williams	29-51 Wayne Goss Drive Berrinba QLD 41147	1800 888 560 0439 993 800	<a href="mailto:james.williams@ap.averydennison.com">james.williams@ap.averydennison.com</a>
Sakai Australia Pty Ltd	Ryusuke Tsuji	Unit 12 14-18 Preston St Penrith NSW 2750	02 4721 8011	<a href="mailto:r-tsuji@sakaitrading.co.jp">r-tsuji@sakaitrading.co.jp</a>
Orafol Australia Pty Ltd	Grant Stewart	8 Blanck Street Ormeau QLD 4208	07 5609 9152 0438 776 577	<a href="mailto:grant.stewart@orafol.com">grant.stewart@orafol.com</a>
Stylus Tapes International	Colin Dorante	111-121 Warren Road	0422 389 908 02 9632 9400	<a href="mailto:colind@stylustapes.com.au">colind@stylustapes.com.au</a>

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