ORAFOL®

Reflective Solutions

Traffic Control

Vehicle Conspicuity

Personal Safety

Mining and Construction

ORALITE®

Engineered to Save Lives™

Why ORAFOL...

As one of the world's leading manufacturers of reflective materials, the ORAFOL Group earned its reputation for global excellence through its dedication to ingenuity, quality and service. When it comes to offering reflective solutions for the traffic control, vehicle conspicuity, personal safety and mining industries, ORAFOL understands it's responsibility to manufacture products that exceeds expected performance during application, while still offering innovative solutions to the industry.

Engineered to Save Lives™

ORAFOL's dedication to quality and service is reflected in every aspect of the business. From research and development to product delivery and customer service, our commitment to excellence through people, process and technology is unparalleled.

> At ORAFOL we strive to deliver the highest quality reflective materials possible, for all our safety business partners.
> We take pride that we are at the forefront of technological innovations with our engineering advancements and state of the art manufacturing processes. As we understand that the quality of our materials could make all the difference in high risk environments, we dedicate ourselves every day grounded in the knowledge, that our products save lives.

Dr. Holger Loclair Managing Director

At the core of our excellence is our dedicated team. Around the globe, ORAFOL employees represent the industry's brightest and most innovative experts who are committed to focusing on customer needs with a stringent dedication to continuous improvement and process control.

Within a supportive environment, employees are encouraged to partner with customers to develop and produce the most innovative solutions to meet customer needs, whether they are standard or customised products.

Our teams are supported with a framework of an integrated management system which combines both ISO 9001 and ISO 14001 to ensure consistency of process and quality, while protecting our environment.

Of course, people and processes must be supported by the most advanced tools. Our investments in the latest facilities, technology for research and development, custom manufacturing equipment, process control and delivery logistics systems ensure our status as a market leader.

ORAFOL's Worldwide Locations

Head Office
Oranienburg, Germany

ORAFOL Australia Head Office

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Reflective Solutions

Find the right solution for your needs

ORAFOL offers an extensive product range of reflective solutions which includes all grades in both prismatic and glass bead technologies.
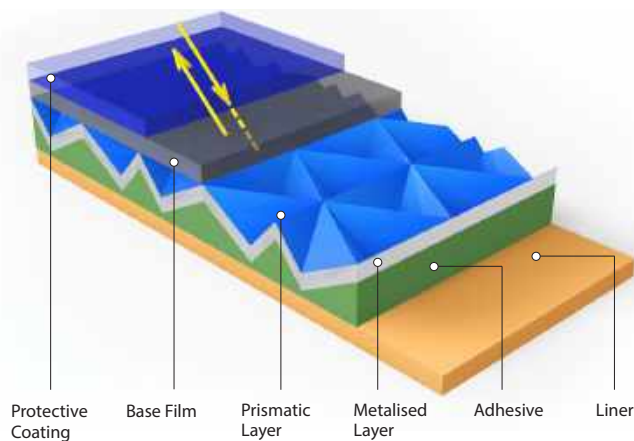
Reflective Solutions

ORAFOL Australia have a dedicated team providing high quality innovative products that are designed to save lives.

To speak with an ORAFOL Reflective Solutions specialist please email sales.au@orafol.com or contact your local ORAFOL state branch.

Principles of Retroreflection

Prismatic Metalised Construction
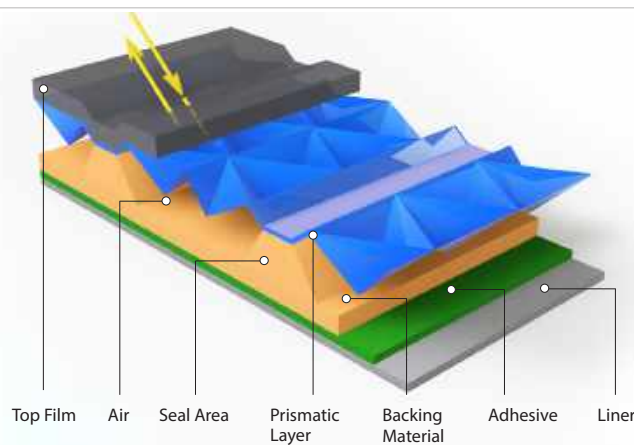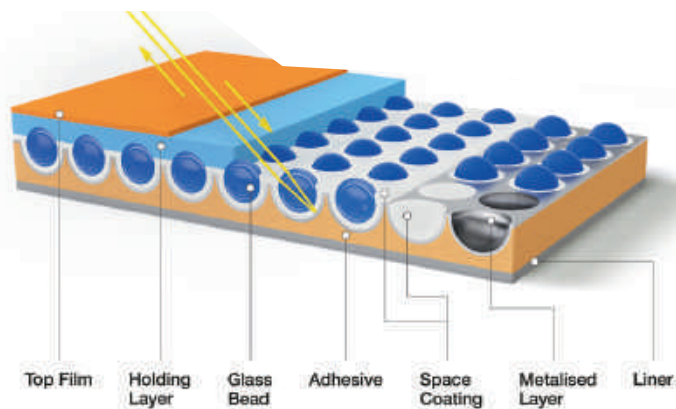
Protective Coating | Base Film | Prismatic Layer | Metalised Layer | Adhesive | Liner

Prismatic Air-backed Construction

Top Film | Air | Seal Area | Prismatic Layer | Backing Material | Adhesive | Liner

Embedded Glass Bead Construction

Top Film | Holding Layer | Glass Bead | Adhesive | Space Coating | Metalised Layer | Liner

Encapsulated Glass Bead Construction

Top Film | Glass Bead | Air | Holding Layer | Seal Area | Backing Material | Metalised Layer | Adhesive | Liner

Engineered to Save Lives™
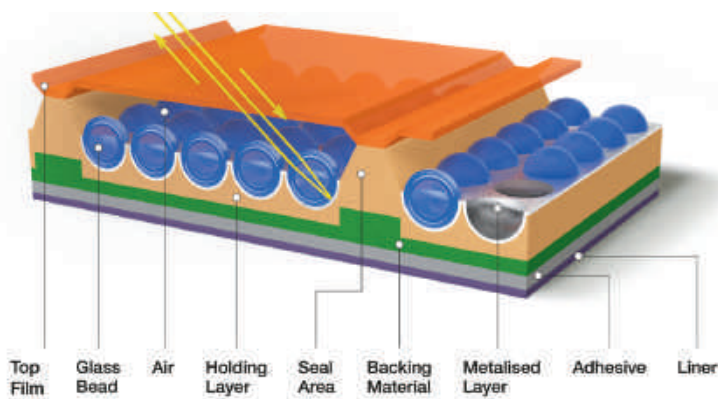
Traffic Control

Traffic Control

Quick Guide

Product	Class	Certification	Outdoor Durability	Standard Colours		Fluorescent Colours*		Translucent
ORALITE® 7910	900	CE	12 years*					
ORALITE® 6910	400	CE	12 years*					
ORALITE® 6910T	400		12 years*					✓
ORALITE® 5910	400	CE	10 years					
ORALITE® 6710	100	CE	7 years					

* Non-fluorescent colours only

Pattern Guide
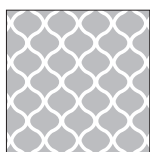
ORALITE® 7910 Brilliant Grade
ORALITE® 6910 Brilliant Grade
ORALITE® 6910T Brilliant Grade Translucent

ORALITE® 5910 High Intensity Prismatic Grade
ORALITE® 6710 Engineer Prismatic Grade

Permanent Traffic Signs – Prismatic Films

Brilliant Grade

CE

ORALITE® 7910 `COMING SOON`

For traffic signs for long-term outdoor exposure

Product benefits include:

- High brightness
- Highest degree of weather resistance
- Surface of UV stabilised acrylic film
- Compliance to AS/NZS 1906.1:2017 Class 900
- Weatherproof

- Excellent printability
- Screen printing with ORALITE® 5018
- UV digital printing on ORALITE® UV Traffic Sign Printer, with ORALITE® 5019 Digital Printing Ink
- Transparent film: We recommend ORALITE® 5061
- Lettering film: We recommend ORALITE® 5081

Product	Colour range	Printing	Roll sizes	Outdoor durability
ORALITE® 7910	White, Yellow, Orange, Red, Green, Blue	Screen Printing (ink: ORALITE® 5018) UV Digital Printing (ink: ORALITE® 5019) Transparent Films (ORALITE® 5061)	1235mm x 50m *Other sizes available on request*	12 Years*
ORALITE® 7910	Fl Yellow, Fl Yellow/Green	Screen Printing (ink: ORALITE® 5018) UV Digital Printing (ink: ORALITE® 5019) Transparent Films (ORALITE® 5061)	1235mm x 50m *Other sizes available on request*	10 Years
ORALITE® 7910	Fl Orange	Screen Printing (ink: ORALITE® 5018) UV Digital Printing (ink: ORALITE® 5019) Transparent Films (ORALITE® 5061)	1235mm x 50m *Other sizes available on request*	3 Years

Please Note: ORALITE® 7910 Brilliant grade is supplied with a watermark. The product is exclusively intended for adhesion to even surfaces.

* Non-fluorescent colours only

Permanent Traffic Signs – Prismatic Films

Brilliant Grade

C E

ORALITE® 6910

For traffic signs for long-term outdoor exposure

Product benefits include:

- High prismatic brightness
- Surface of high performance acrylic film
- ORALITE® 6910 is CE-certified
- Compliance to AS/NZS 1906.1:2017
  Class 400 (Class 1W)
- Weatherproof

- Excellent printability
- Screen printing with ORALITE® 5018
- UV digital printing on ORALITE® UV Traffic Sign Printer,
  with ORALITE® 5019 Digital Printing Ink
- Transparent film: We recommend ORALITE® 5061
- Lettering film: We recommend ORALITE® 5081

Product	Colour range	Printing	Roll sizes	Outdoor durability
ORALITE® 6910	White, Yellow, Orange, Red, Green, Blue	Screen Printing (ink: ORALITE® 5018) UV Digital Printing (ink: ORALITE® 5019) Transparent Films (ORALITE® 5061)	1235mm x 50m *Other sizes available on request*	12 Years*
ORALITE® 6910	Fl Yellow, Fl Yellow/Green	Screen Printing (ink: ORALITE® 5018) UV Digital Printing (ink: ORALITE® 5019) Transparent Films (ORALITE® 5061)	1235mm x 50m *Other sizes available on request*	10 Years
ORALITE® 6910	Fl Orange	Screen Printing (ink: ORALITE® 5018) UV Digital Printing (ink: ORALITE® 5019) Transparent Films (ORALITE® 5061)	1235mm x 50m *Other sizes available on request*	3 Years

Please Note: ORALITE® 6910 Brilliant grade is supplied with a watermark. The product is exclusively intended for adhesion to even surfaces.

* Non-fluorescent colours only

Permanent Traffic Signs – Prismatic Films

Brilliant Grade Translucent

ORALITE® 6910T **NEW**

Product benefits include:

- Highly transparent and with perfect light scattering
- High reflective performance
- Surface of UV stabilised acrylic front film
- Compliance to AS/NZS 1906.1:2017 Class 400 (Class 1W)

- Excellent printability
- Screen printing with ORALITE® 5018
- UV digital printing on ORALITE® UV Traffic Sign Printer, with ORALITE® 5019 Digital Printing Ink
- Transparent film: We recommend ORALITE® 5061
- Lettering film: We recommend ORALITE® 5081

Product	Colour range	Printing	Roll sizes	Outdoor durability
ORALITE® 6910T	White, Yellow	Screen Printing (ink: ORALITE® 5018) UV Digital Printing (ink: ORALITE® 5019) Transparent Films (ORALITE® 5061)	1235mm x 50m *Other sizes available on request*	12 Years*
ORALITE® 6910T	Fl Yellow, Fl Yellow/Green	Screen Printing (ink: ORALITE® 5018) UV Digital Printing (ink: ORALITE® 5019) Transparent Films (ORALITE® 5061)	1235mm x 50m *Other sizes available on request*	10 Years

Please Note: ORALITE® 6910T Brilliant grade translucent is supplied with a watermark. The product is exclusively intended for adhesion to even surfaces.

* Non-fluorescent colours only

Engineered to Save Lives™

Permanent Traffic Signs – Prismatic Films

High Intensity Prismatic (HIP) Grade

ORALITE® 5910

For long term outdoor applications

CE

Product benefits include:

- High prismatic brightness
- Weatherproof
- Surface of high performance acrylic film
- Compliance to AS/NZS 1906.1:2017
  Class 400 (Class 1W)
- ORALITE® 5910 is CE-certified

- Excellent printability
- Screen printing with ORALITE® 5018
- UV digital printing on ORALITE® UV Traffic Sign Printer,
  with ORALITE® 5019 Digital Printing Ink
- Transparent film: We recommend ORALITE® 5061
- Lettering film: We recommend ORALITE® 5081

Product	Colour range	Printing	Roll sizes	Outdoor durability
ORALITE® 5910	White, Yellow, Orange, Red, Green, Blue, Brown	Screen Printing (ink: ORALITE® 5018) UV Digital Printing (ink: ORALITE® 5019) Transparent Films (ORALITE® 5061)	1235mm x 50m *Other sizes available on request*	10 Years

Please Note: ORALITE® 5910 High intensity prismatic grade is supplied with a watermark. Strictly intended for adhesion onto even surfaces.

> "As the market leaders in the traffic sign industry, Artcraft is at the forefront of technology and it is critical we partner with successful brands. In ORAFOL we have a trusted partner that offers best quality reflective materials on the market, understands our requirements and has continually provided service second to none, and this coupled with innovative solutions has enhanced our business."
>
> **Rod Wellington** Director
> Artcraft Pty Ltd

Permanent Traffic Signs – Prismatic Films

Engineer Prismatic Grade

ORALITE® 6710 **NEW**

CE

Product benefits include:

- Equivalent to Engineer Grade brightness
- High degree of weather resistance
- Surface of UV stabilised acrylic
- ORALITE® 6710 is CE-certified
- Compliance to AS/NZS 1906.1:2017 Class 100 (Class 2)

- Excellent printability
- Screen printing with ORALITE® 5018
- UV digital printing on ORALITE® UV Traffic Sign Printer, with ORALITE® 5019 Digital Printing Ink
- Transparent film: We recommend ORALITE® 5051
- Lettering film: We recommend ORALITE® 5081

Product	Colour range	Printing	Roll sizes	Outdoor durability
ORALITE® 6710	White, Yellow Other colours on request	Screen Printing (ink: ORALITE® 5018) UV Digital Printing (ink: ORALITE® 5019) Transparent Films (ORALITE® 5051)	1235mm x 50m *Other sizes available on request*	7 Years

Please Note: ORALITE® 6710 Engineer prismatic grade is supplied with a watermark. Strictly intended for adhesion to even surfaces.

Engineered to Save Lives™

Permanent Traffic Signs – Glass Bead Films

Quick Guide

Product	Class	Certification	Outdoor Durability	Colours
ORALITE® 5810	300	CE	10 years	
ORALITE® 5710	100	CE	7 years	
ORALITE® 5700	100		7 years	
ORALITE® 5500	100		7 years	
ORALITE® 5400	100		4 years	
ORALITE® 5200			3 years	

Pattern Guide

ORALITE® 5810 High Intensity Grade

ORALITE® 5710 Engineer Grade Premium
ORALITE® 5700 Engineer Grade Premium
ORALITE® 5500 Engineer Grade
ORALITE® 5400 Commercial Grade
ORALITE® 5200 Economy Grade

Permanent Traffic Signs – Glass Bead Films

High Intensity Grade

CE

ORALITE® 5810

Long term outdoor applications

Product benefits include:

- High performance acrylic film
- Weatherproof
- Compliance to AS/NZS 1906.1:2017
  Class 300 (Class 1)
- Excellent adhesion to metallic surfaces
  (e.g. aluminium and galvanised steel)
- Encapsulated Glass Bead construction
- ORALITE® 5810 is CE-certified
- Excellent printability
- Transparent film: We recommend ORALITE® 5061

Product	Colour range	Printing	Roll sizes	Outdoor durability
ORALITE® 5810	White, Yellow	Ink-jet and screen printing UV printing	1235mm x 50m *Other sizes available on request*	10 Years

Please Note: Strictly intended for adhesion onto even surfaces

Engineer Grade Premium

CE

ORALITE® 5710 / 5700*

Long term outdoor applications

Product benefits include:

- Reflectivity exceeds 100 cd/(lx*m²) at 0,2° / 5°
  (for white colour)
- Alkyd resin surface
- Excellent resistance to corrosion & solvents
- Excellent adhesion to metallic surfaces
  (e.g. aluminium and galvanised steel)
- ORALITE® 5710 is CE-certified
- Compliance to AS/NZS 1906.1:2017 Class 100 (Class 2)
- Weatherproof
- 130 micron
- Excellent printability
- Transparent film: We recommend ORALITE® 5051
- Lettering film: We recommend ORALITE® 5081

Product	Colour range	Printing	Roll sizes	Outdoor durability
ORALITE® 5700* ORALITE® 5710	White, Yellow, Orange, Red, Blue, Green, Brown	Screen printing UV printing	1235mm x 50m *Other sizes available on request*	7 Years

Please Note: Strictly intended for adhesion onto even surfaces

*Denotes no watermark on this product.

Permanent Traffic Signs – Glass Bead Films

Engineer Grade

ORALITE® 5500

Long term outdoor applications - for reflective warning and information signs

Product benefits include:

- Reflectivity film, 110 micron
- Excellent resistance to corrosion and solvents
- Compliance to AS/NZS 1906.1:2017 Class 100 (Class 2)
- Solvent polyacrylate, permanent

Product	Colour range	Printing	Roll sizes	Outdoor durability
ORALITE® 5500	White, Yellow, Orange, Red, Blue, Green, Brown, Black	Screen printing	1235mm x 50m *Other sizes available on request*	7 Years

Commercial Grade

ORALITE® 5400

Medium term outdoor applications

Product benefits include:

- Cast PVC film
- High resistance to corrosion and solvents
- Excellent adhesion to metallic surfaces
- Weatherproof
- Excellent printability for both Ink-jet and screen printing Inks
- Compliance to AS/NZS 1906.1:2017 Class 100 (Class 2)

Product	Colour range	Printing	Roll sizes	Outdoor durability
ORALITE® 5400	White, Yellow, Orange, Red, Blue, Green	Ink-jet and screen printing	1235mm x 50m *Other sizes available on request*	4 Years

Please Note: Strictly intended for adhesion onto even surfaces

Economy Grade

ORALITE® 5200

For sign boards, lettering, markings, symbols and graphic

Product benefits include:

- Cast PVC polymer blend surface
- Short term outdoor use
- Weatherproof
- When a minimal degree of reflectivity is needed

Product	Colour range	Printing	Roll sizes	Outdoor durability
ORALITE® 5200	White, Yellow, Orange, Red, Blue, Green	Ink-jet and screen printing	1235mm x 50m *Other sizes available on request*	3 Years

Please Note: Strictly intended for adhesion onto even surfaces

Temporary Signs and Work Zones

Temporary Signs and Work Zones

Quick Guide

Product	Class	Outdoor Durability	Standard Colours	Fluorescent Colours	Other
ORALITE® 5960	400T	5 years*	▢ ▧	▧ ▧	
ORALITE® 5930	400T	5 years*	▢ ▧	▧ ▧	
ORALITE® 5946	400T	5 years*	▢ ▧	▧ ▧ ▧	
ORALITE® 5931	400T	5 years*	◩ ◩ ◩	◩ ◩	
ORALITE® 5931M	400T	5 years*	◩ ◩		Metalised
ORALITE® 5431	100T	4 years	◩ ◩ ◩		

* Non-fluorescent colours only

Pattern Guide
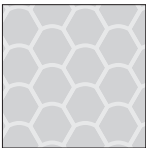
ORALITE® 5960 High Intensity
Prismatic Construction Grade
ORALITE® 5946 Banner Material
ORALITE® 5930 Prismatic
Construction Grade
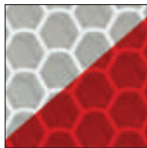
ORALITE® 5931 Prismatic
Construction Grade

ORALITE® 5931M Prismatic
Construction Grade

ORALITE® 5431
Construction Grade

Engineered to Save Lives™

Temporary Signs and Work Zones

High Intensity Prismatic (HIP) Construction Grade

ORALITE® 5960

Prismatic reflective film designed for short and medium term outdoor applications

Product benefits include:

- UV stabilised acrylic film
- Excellent printability
- Transparent film: We recommend ORALITE® 5051
- Compliance to AS/NZS 1906.1:2017 Class 400T (Class 1W) (WZ)

Product	Colour range	Printing	Roll sizes	Outdoor durability
ORALITE® 5960	White, Yellow, Fl Yellow/Green	Ink-jet and screen printing	1235mm x 50m *Other sizes available on request*	5 Years
ORALITE® 5960	Fl Orange	Ink-jet and screen printing	1235mm x 50m *Other sizes available on request*	3 Years

Please Note: Strictly intended for adhesion onto even surfaces

Prismatic Construction Grade

ORALITE® 5930

Short and medium term outdoor applications

Product benefits include:

- Highly reflective prismatic film
- Excellent adhesion to polyolefinic substrates
- Fluorescent colours available for enhanced daytime visibility
- Compliance to AS/NZS 1906.1:2017 Class 400T (Class 1W) (WZ)

Product	Colour range	Roll sizes	Outdoor durability
ORALITE® 5930	White, Yellow, Fl Yellow, Fl Yellow/Green	1235mm x 25m *Other sizes available on request*	5 Years
ORALITE® 5930	Fl Orange	1235mm x 25m *Other sizes available on request*	3 Years

Banner Materials

ORALITE® 5946

Prismatic reflective flexible banner material designed for short and medium term outdoor applications

Product benefits include:

- Highly flexible banner material
- High Frequency weldable or sewable
- Compliance to AS/NZS 1906.1:2017 Class 400T (Class 1) (WZ)
- UV Stabilised PVC top film

Product	Colour range	Printing	Roll sizes	Outdoor durability
ORALITE® 5946	White, Yellow, Fl Yellow/Green	Ink-jet and screen printing	1235mm x 25m *Other sizes available on request*	5 Years
ORALITE® 5946	Fl Orange	Ink-jet and screen printing	1235mm x 25m *Other sizes available on request*	3 Years

Temporary Signs and Work Zones

Prismatic Construction Grade

ORALITE® 5931

Short and medium term outdoor applications

Product benefits include:

- Highly reflective prismatic film, preprinted
- Surface of specially treated PVC film
- Compliance to the requirements for barricades and guiding elements
- Excellent adhesion to polyolefinic substrates
- Compliance to AS/NZS 1906.1:2017 Class 400T (Class 1W) (WZ)

Product	Colour range	Roll sizes	Outdoor durability
ORALITE® 5931	White / Red, Yellow / Red, Yellow / Black, Fl Yellow / Red	1235mm x 50m *Other sizes available on request*	5 Years
ORALITE® 5931	Fl Orange / Black *Preprinted*	1235mm x 50m *Other sizes available on request*	3 Years

Prismatic Construction Grade

ORALITE® 5931M

Prismatic single layer reflective film designed for production of high brightness barricades and construction zone signs.

Product benefits include:

- Highly reflective prismatic film, preprinted
- Single layer constriction with no risk of dirt ingress at the edges
- Excellent adhesion to polyolefinic substrates
- Compliance to AS/NZS 1906.1:2017 Class 400T (Class 1) (WZ)
- Surface of specially treated PVC film
- Compliance to the requirements for barricades and guiding elements
- PVC construction consists of metalised microprisms

Product	Colour range	Roll sizes	Outdoor durability
ORALITE® 5931M	White / Red, White / Black *Preprinted*	1235mm x 50m *Other sizes available on request*	5 Years

Construction Grade

ORALITE® 5431

Medium term outdoor applications - Ideal for hazard warning and construction site markings

Product benefits include:

- Cast PVC film
- Highly flexible reflective film
- Weatherproof
- Adhesive: solvent Polyacrylate, permanent, high tack
- Ideal for applications onto Polyolefinic surfaces
- Compliance to AS/NZS 1906.1:2017 Class 100 (Class 2)

Product	Colour range	Roll sizes	Outdoor durability
ORALITE® 5431	White/Red, Yellow/Black, Yellow/Red	50mm x 25m 1235mm x 25m *Other sizes available on request*	4 Years

Engineered to Save Lives™

Temporary Signs and Work Zones

Roll Up Signs

ORALITE® 2018 / 2051 / 2056

Product	Colour Range	Description	Standards	Application
ORALITE® 2018 Highbright	White, Yellow, Blue, Red, Fl Lime, Fl Pink, Fl Red, Fl Green	High performance vinyl film RF welded to a reinforced scrim backing. Custom panels made to order	AS/NZS 1906.1:2017 Class 400T (Class 1 & Class 1W) (WZ)	For use in temporary work zone, construction, and emergency applications.
ORALITE® 2051 Superbright	Fl Orange	High performance Fluorescent vinyl film RF welded to a reinforced scrim backing. Custom panels made to order	AS/NZS 1906.1:2017 Class 400T (Class 1 & Class 1W) (WZ)	For use in temporary work zone, construction, and emergency applications.
ORALITE® 2056 Marathon	Fl Orange	Long life fluorescent vinyl film RF welded to a reinforced scrim backing. Custom panels made to order	AS/NZS 1906.1:2017 Class 400T (Class 1 & Class 1W) (WZ)	For use in temporary work zone, construction, and emergency applications.

Cone Collars

ORALITE® 2018

ORALITE® High Performance Cone Collars are made of a tough, weather-resistant, highly reflective microprismatic retroreflective sheeting. ORALITE® cone collars are manufactured in configurations to meet a wide variety of specifications and cone sizes.

Product benefits include:

- Highly durable and impact resistant
- Compliance to AS/NZS 1906.1:2017 Class 400T (Class 1, Class 1W and WZ)
- Excellent visibility at great distances
- Excellent wide angle performance
- Solvent resistant
- Easily wiped clean
- Can be removable for temporary use, or made permanent
- Slip on design

Product	Colour range	Sizes	Standards
ORALITE® 2018 White Highbright	White	450mm Cone – 150mm Collar 700mm Cone – 250mm Collar 900mm Cone – 250mm Collar	AS/NZS 1906.1:2017 Class 400T (Class 1 & Class 1W) (WZ)

Accessories for Sign Making

Quick Guide

Product	Product Type	Outdoor Durability	Colours	Other
ORALITE® 5081	Lettering film	10 years		Gloss
ORALITE® 5061	Transparent film	10 years		Gloss
ORALITE® 5051	Transparent film	7 years		Gloss
ORALITE® 5095	Anti-Graffiti film	10 years		Gloss
ORALITE® 5097	Astifol® Anti-Sticker film	10 years		Gloss
ORALITE® 5018	Screen printing ink			Gloss
ORALITE® 5019	UV digital printing ink			Gloss
ORATAPE® MT95	Application tape			
ORATAPE® LT95	Application tape			
ORALITE® LT5000	Protective cover film			

Lettering Films

ORALITE® 5081

Product	Colour range	Recommended for use on	Material	Outdoor durability
ORALITE® 5081	Black (Gloss & Matte) *with watermark*	ORALITE® 7910 Brilliant Grade ORALITE® 6910 Brilliant Grade ORALITE® 5910 High Intensity Prismatic Grade ORALITE® 5810 High Intensity Glass Beads ORALITE® 5960 High Intensity Prismatic	High performance cast PVC film	10 Years

Clear Transparent Films - for UV Digital Printing

ORALITE® 5061 / 5051

Product	Colour range	Recommended for use on	Roll sizes	Outdoor durability
ORALITE® 5061*	Clear	ORALITE® 7910 Brilliant Grade ORALITE® 6910 Brilliant Grade ORALITE® 5910 High Intensity Prismatic Grade ORALITE® 5810 High Intensity Glass Beads	1235mm x 50m *Other sizes available on request*	10 Years
ORALITE® 5051	Clear	ORALITE® 5960 High Intensity Prismatic ORALITE® 5930 High Intensity Prismatic Construction Grade ORALITE® Engineered Grade Series	1235mm x 50m *Other sizes available on request*	7 Years

*The film is approved for application on CE certified ORALITE® films

Accessories for Sign Making

Coloured Transparent Films

ORALITE® 5061 / 5051

Product	Colour range	Recommended for use on	Roll sizes	Outdoor durability
ORALITE® 5061*	Yellow, Orange, Red, Green, Blue, Brown *With watermark*	ORALITE® 7910 Brilliant Grade ORALITE® 6910 Brilliant Grade ORALITE® 5910 High Intensity Prismatic Grade ORALITE® 5810 High Intensity Glass Beads	1235mm x 50m *Other sizes available on request*	10 Years
ORALITE® 5051	Yellow, Red, Blue *other colours on request*	ORALITE® 5960 High Intensity Prismatic ORALITE® 5930 High Intensity Prismatic Construction Grade ORALITE® Engineered Grade Series	1235mm x 50m *Other sizes available on request*	7 Years

*The film is approved for application on CE certified ORALITE® films

Anti-Graffiti Films

ORALITE® 5095 / 5097   COMING SOON

Product	Type	Description	Roll sizes	Outdoor durability
ORALITE® 5095	Anti-Graffiti Film**	Self adhesive transparent fluoropolymer film developed to protect printed and unprinted ORALITE® reflective films against graffiti.	1235mm x 50m *Other sizes available on request*	10 Years
ORALITE® 5097	Astifol® Anti-Sticker Film	Protective surface laminate, which when applied to the sign surface, will enable a simple and residue-free removal of stickers.	1240mm x 50m	10 Years

**For optimal processing the film is delivered with an application tape

Inks

ORALITE® 5018 / 5019

Product	Type	Description	Sizes
ORALITE® 5018	Screen Printing Ink	One-component screen printing ink, suitable for printing on all ORALITE® reflective films.	5Ltr
ORALITE® 5019	UV Digital Printing Ink	For use with the ORALITE® UV Traffic Sign Printer, on all ORALITE® HIP grade films.	1Ltr

Application Tapes

ORATAPE® MT95 / LT95 / LT5000   NEW

Product	Type	Description	Roll sizes
ORATAPE® MT95	Application Tape	Highly transparent polyethylene-based transfer film. Medium Tack	1220mm x 100m
ORATAPE® LT95	Application Tape	Highly transparent polyethylene-based transfer film. Low Tack	1220mm x 100m
ORALITE® LT5000	Application Tape	Protective cover film for traffic signs.	1250mm x 100m

Adhesive Tape Systems

ORAFOL Australia can now offer a range of adhesive tape systems direct and locally sourced.

To speak with an ORAFOL Adhesive Tape Systems specialist please email sales.au@orafol.com or contact your local ORAFOL state branch.

ORABOND®

ORAFOL®

Engineered to Perform Better™

UV Traffic Sign Printers

The UV digital printing system is an environmentally friendly alternative to the screen printing technology. It is especially ideal for smaller production runs as well as for production of signs with variable information, directions and other information that may require only a quantity of one or two signs.

ORALITE® UV Traffic Sign Printer

The ORALITE® UV traffic sign printer is based on the AGFA UV printer Anapurna M 2050 / M 2050i / H 2050i LED / RTR 3200i LED and of the CE certified ORALITE® 5019 UV digital printing inks. The following CE certified ORALITE® retroreflective films both for temporary and permanent applications can be printed by the ORALITE® UV digital printing system:

- ORALITE® 5510 Engineer Grade
- ORALITE® 5710 Engineer Grade Premium
- ORALITE® 5810 High Intensity Grade
- ORALITE® 5910 High Intensity Prismatic Grade
- ORALITE® 5960 High Intensity Prismatic Construction Grade
- ORALITE® 6910 Brilliant Grade
- ORALITE® 7910 Brilliant Grade

Compared with the current solutions for the production of traffic control and guidance signs available in the market, the optimised ORALITE® UV digital printing system is characterised by the following features:
- proven and reliable print head technology made by the market leader Konika Minolta

- six print heads 12 pl for printing the basic traffic colours
- additionally two print heads 42 pl for special applications.
- optional colour mixes also for graphic applications are possible.
- space-saving, stable and reliable hybrid solution for the processing of plates up to 4.5 cm thickness as well as of materials in rolls (roll-to-roll)
- printing speed comparable to existing systems in the market while offering a higher resolution, more detailed drawings and highest production safety.

A comprehensive worldwide service system ensures the performance and efficiency of the ORALITE® UV digital printing system for the manufacture of traffic and control signs on the basis of ORALITE® retroreflective films.

UV Digital Traffic Sign Printers

M 2050:
ORALITE® UV Traffic Sign Printer

M 2050i / H 2050i LED:
ORALITE® UV Traffic Sign Printer
Premium

RTR 3200i LED:
ORALITE® UV Traffic Sign Printer
Premium Plus

Optimised system for digital production of traffic control and guidance signs. All retroreflective films within the ORALITE® range are printable on the ORALITE® UV Traffic Sign Printer, making it ideal for production of certified as well as non-certified printed signs. The system consists of the ORALITE® UV Traffic sign printer based on the four AGFA UV printers: **Anapurna M 2050, Anapurna M 2050i, Anapurna H 2050i LED** and **Anapurna RTR 3200i LED**. All four printers are approved for printing CE certified permanent signs, using the ORALITE® 5019 UV digital printing inks.

"

All test certificates currently issued for reflective films from ORAFOL Europe GmbH are valid for digital prints on AGFA Anapurna M 2050, Anapurna M 2050i, Anapurna H 2050i LED and Anapurna RTR 3200i LED.

COMING SOON

New App for ORAFOL printers

As printer operator or production manager, you now have a great new and easy way to securely access a large range of the performance data from the printer: **the new ORAFOL App for mobile devices (iOS)!**

	M 2050	M 2050i	H 2050i LED **NEW**	RTR 3200i LED **NEW**
Material working capabilities				
Media width	207 cm	207 cm	207 cm	320 cm
Print width	205 cm	205 cm	205 cm	320 cm
Borderless printing up to a media width of	199 cm	199 cm	199 cm	316 cm
Multiple Board printing	min. A2, landscape	min. A2, landscape	min. A2, landscape	RTR only
Media thickness up to 45 mm	0,2 - 45 mm	0,2 - 45 mm	0,2 - 45 mm	0,2 - 3,0 mm
Dual roll option	(-)	(-)	(-)	2x 160 cm - coupling
4 rigid tables (2 rear and 2 front), Extends to max. length 3.2 m	✓	✓	✓	RTR only
Media weight: Rigids - up to 10 Kg/m²	✓	✓	✓	✗
Media weight: Roll-to-roll (RTR)	up to 30 Kg	up to 50 Kg	up to 50 Kg	100 Kg
Media diameter (RTR)	up to 30 cm	up to 36 cm	up to 36 cm	up to 36 cm
Productivity				
Traffic sign print mode	12 m²/h	18,5 m²/h	18,5 m²/h	23 m²/h
Draft mode	53 m²/h	90 m²/h	90 m²/h	129 m²/h
Express mode	32 m²/h	63 m²/h	63 m²/h	87 m²/h
Print Head and Inks	**8 print heads**	**8 print heads**	**8 print heads**	**6 print heads**
6 Konica-Minolta KM 1024i heads: 1.024 nozzles/head, 12 pl (colours)	✓	✓	✓	✓
2 Konica-Minolta KM 1024i heads: 1.024 nozzles/head, white in line (on request)	30 pl	42 pl	42 pl	✗
Text Quality				
Text quality positive: 4 point (ORAFOL ink 6 pt)	✓	✓	✓	✓
Text quality negative: 6 point (ORAFOL ink 8 pt)	✓	✓	✓	✓
Engine Weight and Dimensions				
Weight in kg	1800	1800	1800	3500
Dimensions (w x h x d) in metres	4.350 x 1.600 x 1.470	4.580 x 1.690 x 1.540	4.580 x 1.690 x 1.540	5.960 x 1.650 x 1.980
Electricity				
Europe: 380V 3-phase star connection with neutral wire (3 x 32A*) 50/60Hz	✓	✓	✓	✓
USA: 230V 3-phase delta-connection with neutral wire (3x 32A*) 50/60Hz	✓	✓	✓	✓
System Integration RIP / Workflow software				
Integrated production solution with Asanti RIP Software. Other RIPs upon request. Ready to use traffic sign media/ ink profiles available (Asanti)	✓	✓	✓	✓
Ease of Operation				
Advanced on-board-command-center with touch-screen		✓	✓	✓
Multi-language Agfa-GUI (11 Language-Options)		✓	✓	✓
Network-connectivity	✓	✓	✓	✓
2 USB-3 sockets for quick and easy data-transfer	2 x USB 2.0	✓	✓	✓
Pneumatic roll-holding-system		✓	✓	✓
Maximum roll length (in metres)	50	50	50	2 x à 75 (150)
Ink-stock capacity (in litre)	1,7	4	4	4
Media length monitoring		✓	✓	✓
Step & repeat functionality at printer interface		✓	✓	✓
Job queue functionality		✓	✓	✓
App for mobile devices for live-reporting		✓	✓	✓
Cost-Saving-Benefits in daily operation				
Ink with shelf-life of up to 12 months	✓	✓	✓	✓
LED-UV-drying-lamp-technology with longer life and less energy consumption			✓	✓
Extended lifetime components for maximum service life with minimum maintenance-demand		✓	✓	✓
Spray-cleaning for up to 75%-ink-saving on cleaning-task		✓	✓	✓
Reduced cleaning frequencies	Requires software update	✓	✓	✓
Up to 10-days standstill-option without printing (e.g. in vacation-times)		✓	✓	✓
Service				
One-stop-shop - All components are supplied by ORAFOL: printer & inks & reflective-sheetings = One face to the customer	✓	✓	✓	✓
Warranty-contract & optional service contract	✓	✓	✓	✓

Digital printing technology with UV curing inks

· for printing on various material surfaces

· environmental friendly operation

· no solvent evaporation

· digital printing for optimised print-on-demand manufacturing as well as for high volume printing

Key benefits of the M 3200i LED RTR: **NEW**

· Increased production speed

· Ergonomic design

· Dual roll printing possible

· Energy efficient

· Cost saving UV LED technology

ECO Traffic Printer

ORALITE® ECO Traffic Printer
Based on OKI ColorPainter M-64S NEW

The ORALITE® ECO Traffic Printer is the eco-friendly printing system for the production of road traffic signs – both for temporary and permanent applications. The system consists of the OKI ColorPainter M-64s and the Greenguard Gold certified OKI low odour eco solvent SX inks. In combination with ORAFOL's printing profiles especially developed for the traffic sign application the ORALITE® ECO Traffic Printer addresses the diverse requirements of the outdoor signage industry. Various ORALITE® retroreflective films based on both glass bead and microprismatic technology are printable on this system, and the printed outcome will comply to the requirements for colour and retroreflectivity found in different national standards for road traffic signs[1]. The versatile, large format ORALITE® ECO Traffic Printer system is the first choice of the cost-conscious sign maker and combines high quality, high density, high durability results with fast print speeds[2].

[1] Please contact your local ORAFOL representative for further information

[2] Traffic sign colours 7 – 14 m²/h., up to 66.5 m²/h (draft mode)

OKI ColorPainter M-64s

ORALITE® ECO Traffic Printer
Eco Solvent Inkjet Printer

TECHNICAL DETAILS

SPECIFICATION	
Model	**IP-6620-00 ColorPainter M-64s**
Print Head	Industrial High Frequency drop-on-demand piezo print head
Number of Nozzles	508 nozzles/head
Maximum Resolution	900 x 900 dpi
Visual Resolution	Photorealistic printout
Maximum Media Width	1.626 mm
Maximum Print Width	1.616 mm
Printing Speed	3,5 to 66,5 m²/h (approx. 7 - 9 m²/h for printing traffic signs)
Media Weight	Up to 50 kg
Maximum Media Diameter	220 mm
Margin Size	5 mm on each edge (with rolled media, without edge guards)
Ink Type	Eco-Solvent SX ink with Greengard certification
Colour	7 (CMYK, Lc, Lm, Gy)
Maximum ink capacity	1,5 l per colour
Media	Retroreflective sheeting, vinyl, banner, paper, backlit, technical textiles
Heater	3-way built-in heaters (Pre, Print, After)
Take-up Modes	Tension or loosen inside or outside printing
Interface	USB 2.0
Power Source	200 – 240 VAC, 12A, 50 Hz / 60 Hz
Power Consumption	Start-up: 2,880 W or less – Stand-by: 100 W or less
Operating Environment	15 – 30 °C, 30 – 70 % rh (no condensation)
Storage Environment	5 – 35 °C, 10 – 80 % rh (no condensation)
External Dimensions	3,095 (W) x 935 (D) x 1,247 (H) mm
Weight	321 kg or less (without media and ink)
Software	Onyx RIP (Version 12.2) included, Computer NOT included
OPTIONS	
Cutter unit	With practical fixations for a perfect 90 ° cut after printing
Exhaust Attachment	Allows the installation of an exhaust system
2" Flange	Media for rolls with a core diameter of 2 inches

DIGITAL PRINTING WITH ECO-SOLVENT-SX INKS:

- Printing on various media
- Eco-friendly operation (Greenguard certification)
- Low-odor
- Optimized Print-On-Demand production

Vehicle Conspicuity

Vehicle Conspicuity - Emergency Services

Quick Guide

Product	Class	Typical Durability	Standard Colours	Fluorescent Colours	Construction
ORALITE® VC 612	400	Up to 3/5 years			Prismatic
ORALITE® VC 612RA	400	Up to 3/5 years			Prismatic
ORALITE® VC 312	400	Up to 7 years			Prismatic
ORALITE® 6900	400	Up to 10 years			Prismatic
ORALITE® 5600RA	100	Up to 7 years			Embedded Glass Beads
ORALITE® 5650RA	100	Up to 7 years			Embedded Glass Beads
ORALITE® 5600	100	Up to 7 years			Embedded Glass Beads

Pattern Guide
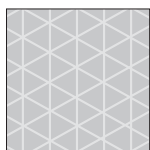
ORALITE® VC 612 Prismatic Flexible Livery Film
ORALITE® VC 612RA Prismatic Flexible Livery Film
ORALITE® VC 312 Prismatic Livery Film
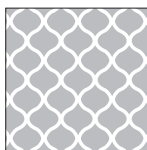
ORALITE® 6900 Brillant Grade Vehicle

ORALITE® 5600RA Fleet Engineering Grade Reflective Film
ORALITE® 5650RA Fleet Engineering Grade Reflective Film
ORALITE® 5600 Fleet Engineering Grade Reflective Film

ORALITE®

Vehicle Conspicuity - Emergency Services

Prismatic flexible livery film – for easy application even onto curved surfaces

ORALITE® VC 612 Flexibright™

Product benefits include:

- Single layer PVC construction
- Prismatic reflective performance
- Very high brightness
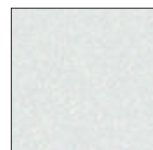- Compliance to AS/NZS 1906.1:2017 Class 400 (Class 1)
- Unique handling
- User friendly application
- Engineered to conform to demands of vehicle shapes
- Medium tack adhesive

- Flexible – great for application onto curved surfaces e.g. motorbikes
- Easy to cut and no edge sealing required
- Withstands power washes
- Potential single piece removability
- Templates require fewer pieces
- Available in 7 colours, including fluorescent
- Self adhesive backing
- Transparent film: We recommend ORALITE® 5051

Product	Colour range	Roll sizes	Typical durability
ORALITE® VC 612	White, Yellow, Blue, Green, Red, Fl Yellow, Fl Lime, Fl Orange, Fl Red Orange	775mm x 45.7m 1235mm x 25m 1235mm x 50m *Other sizes available on request*	Non-fluorescent colours: 5 years fluorescent colours: 3 to 5 years (depending on geographical region)

> "*As we operate in a high risk environment, we understand that when it comes to emergency services vehicle livery, visibility and safety are key priorities. We continually trust and use ORAFOL reflective materials which offers us a high level of prismatic reflective performance to enhance vehicle awareness in both day and night time operations. We also acknowledge the flexibility in application of the ORALITE material with its user friendly handling, conformability, adhesion and final removal properties.*"
>
> ***Frank Howe*** Operations Coordinator
> Department of Police, Fire and Emergency Management

Vehicle Conspicuity - Emergency Services

Prismatic flexible livery film – for easy application even onto curved surfaces

ORALITE® VC 612RA Flexibright™ COMING SOON

Product benefits include:

- Single layer PVC construction
- Prismatic reflective performance
- Very high brightness
- Compliance to AS/NZS 1906.1:2017 Class 400 (Class 1)
- Unique handling
- User friendly application
- Engineered to conform to demands of vehicle shapes
- Self adhesive backing

- Flexible – great for application onto curved surfaces e.g. motorbikes
- Easy to cut and no edge sealing required
- Withstands power washes
- Potential single piece removability
- Templates require fewer pieces
- Available in 7 colours, including fluorescent
- Medium tack adhesive with *Rapid*Air® for easy application
- Transparent film: We recommend ORALITE® 5051

Product	Colour range	Roll sizes	Typical durability
ORALITE® VC 612RA	White, Yellow, Blue, Green, Red, Fl Lime, Fl Orange, Fl Yellow, Fl Red Orange	1235mm x 25m 1235mm x 50m *Other sizes available on request*	Non-fluorescent colours: 5 years fluorescent colours: 3 to 5 years (depending on geographical region)

Prismatic livery film – Your classic film for high visibility livery

ORALITE® VC 312 Daybright®

Product benefits include:

- Single layer polyester construction
- Very high brightness
- Compliance to AS/NZS 1906.1:2017 Class 400 (Class 1)
- reflective requirements
- Easy to cut and apply
- Wide angle performance

- Available in 5 colours
- No edge sealing required
- Withstands repeated power washes
- Easy accident damage repair
- Self adhesive backing
- Transparent film: We recommend ORALITE® 5051

Product	Colour range	Roll sizes	Typical durability
ORALITE® VC 312 Daybright®	White, Red, Yellow, Blue, Green	775mm x 45.7m *Other sizes available on request*	7 Years

ORALITE®
Engineered to Save Lives™

"*Over the last few years we've partnered with ORAFOL, a global manufacturer of reflective materials. The strength of this relationship continues to grow, underpinned by our trust with the ORAFOL brand. Their highly skilled team provides us with the best reflective products on the market, while offering us a professional level of service that emulates what we provide to our own clients.*"

Mark McEwan Director
Label Concepts

Vehicle Conspicuity - Emergency Services

Brilliant Grade Vehicle

ORALITE® 6900

Prismatic airbacked reflective films designed for high visibility livery applications on emergency services vehicles

Product benefits include:

- Prismatic high brightness livery film
- Long term durability; will provide reflectivity and durability to last a vehicle's service life
- Compliance to AS/NZS 1906.1:2017 Class 400 (Class 1W)
- Outstandingly bright and vivid daytime colours

- Contact ORAFOL for detailed warranty information
- Performs to the rigours of EMS vehicle needs
- This material will require edge sealing. Contact ORAFOL for information
- Easy to handle and apply

Product	Colour range	Roll sizes	Typical durability
ORALITE® 6900	White, Red, Green, Royal Blue, Fl Yellow/Green	1235mm x 50m *Other sizes available on request*	10 Years
ORALITE® 6900 Edge Sealed	Fl Yellow/Green	50mm x 50m 75mm x 50m *Other sizes available on request*	10 Years
ORALITE® 6900	Fl Orange	1235mm x 50m *Other sizes available on request*	3 Years
Please Note: Strictly intended for adhesion onto even surfaces			

Engineered to Save Lives™

Vehicle Conspicuity - Emergency Services

Fleet Engineering Grade Reflective Film

ORALITE® 5600RA **NEW**

*Rapid*Air® Technology is designed to make fleet applications easier by reducing the incidence of bubbles, ORALITE® 5600RA series is ideal for emergency vehicle applications over flat surfaces, rivets and simple curves.

Product benefits include:

- Glass bead reflective performance
- High degree of flexibility
- Easy to apply, with good adaptability for uneven surfaces
- Easy removal from painted surfaces (Using heat)
- Excellent removability

- Easy to use on plotters
- Compatible with popular latex, solvent, eco-solvent & UV curable printers
- With *Rapid*Air® for easy application
- Compliance to AS/NZS 1906.1:2017 Class 100 (Class 2)*
- Transparent film: We recommend ORALITE® 5051

Product	Colour range	Roll sizes	Typical durability
ORALITE® 5600RA	White, Yellow, Red, Orange, Blue, Green, Black, Azure, Gold, Lemon, Ruby	1235mm x 50m *Other sizes available on request*	7 Years

* This refers to white material only

Vehicle Conspicuity

Fleet Engineering Grade Reflective Film

ORALITE® 5650RA

*Rapid*Air® Technology is designed to make fleet applications easier by reducing the incidence of bubbles, ORALITE® 5650RA series is ideal for vehicle applications over flat surfaces, rivets and simple curves.

Product benefits include:

- Glass bead reflective performance
- High degree of flexibility
- Easy to apply, with good adaptability for uneven surfaces
- Easy removal from painted surfaces (using heat)

- Easy to use on plotters
- Compatible with popular latex, solvent, eco-solvent & UV curable printers
- With *Rapid*Air® for easy application
- Compliance to AS/NZS 1906.1:2017 Class 100 (Class 2)*
- Transparent film: We recommend ORALITE® 5051

Product	Colour range	Roll sizes	Typical durability
ORALITE® 5650RA	White, Yellow, Red, Orange, Blue, Green, Black, Azure, Gold, Lemon, Ruby	1235mm x 50m *Other sizes available on request*	7 Years

* This refers to white material only

Fleet Engineering Reflective Film

ORALITE® 5600

Product benefits include:

- Glass bead reflective performance
- High degree of flexibility
- Easy to apply, with good adaptability for uneven surfaces
- Easy removal from painted surfaces (using heat)

- Easy to use on plotters
- Compatible with popular latex, solvent, eco-solvent & UV curable printers
- Compliance to AS/NZS 1906.1:2017 Class 100 (Class 2)*
- Transparent film: We recommend ORALITE® 5051

| Product	Colour range	Roll sizes	Typical durability
ORALITE® 5600	White, Yellow, Red, Orange, Blue, Green, Black, Azure, Gold, Lemon, Ruby	1235mm x 50m *Other sizes available on request*	7 Years

* This refers to white material only

Trucks and Trailer Markings

Trucks and Trailer Markings

Quick Guide

| Product	Typical Durability	Colours	Approvals
ORALITE® VC 104+ Rigid Grade Imagine	Up to 10 years		ECE 104 Class C
ORALITE® VC 104+ Rigid Grade	Up to 10 years		ECE 104 Class C
ORALITE® VC 104+ Tanker Sticker	Up to 10 years		ECE 104 Class C
ORALITE® VC 104+ Curtain Grade Segmented Imagine	Up to 3 years		ECE 104 Class C
ORALITE® VC 104+ Curtain Grade Segmented	Up to 3 years		ECE 104 Class C
ORALITE® VC 310	Up to 7 years		AS/NZS 1906.1 Class 1A
ORALITE® DOT-C2	Up to 7 years		AS/NZS 1906.1:2017 Class 400 (Class 1) AS/NZS 1906.1 Class 1A
ORALITE® 5421	Up to 7 years		AS/NZS 1906.1:2017 Class 100 (Class 2)

Pattern Guide
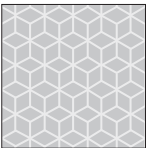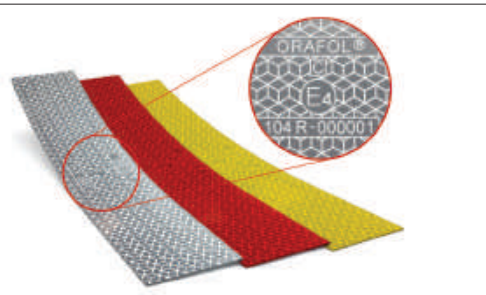

ORALITE® VC 104+

ORALITE® VC 310
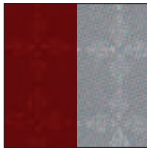
ORALITE® DOT-C2

ORALITE® 5421

ORALITE® VC 104+ — approved ECE 104 Class C

Trucks and trailer Markings

ORAFOL is your full range supplier of ECE 104 compliant materials

As one of the world's leading suppliers of reflective materials, the ORAFOL Group earned its reputation for global excellence through its dedication to ingenuity, quality and service. When it comes to supplying products for the vehicle conspicuity industry, we work each day with a dedication grounded by our knowledge that the quality of our products helps save lives.

ORAFOL is the leading manufacturer of ECE 104 compliant marking materials. The range of products has been specifically designed for long-lasting top quality performance.

The range includes solutions for all kinds of vehicles including applications onto rigid bodies, circular tanker shapes as well as curtain sides. Whatever the need, ORAFOL has a solution to keep you and others safe on the road.

"

Research shows that conspicuity markings can reduce crashes in low light conditions involving HGVs by up to 41%*

Source: The US National Highway Traffic Safety Administration (NHTSA)

HGV barely visible without ECE 104 compliant reflective material
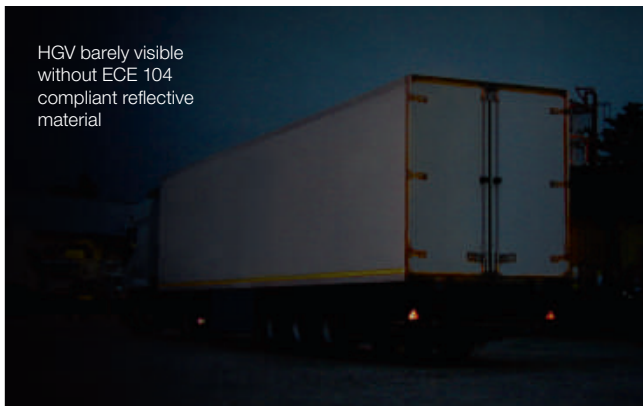
HGV clearly visible with ORALITE® VC 104+ material

ECE 104 Regulation

Since 10 July 2011 conspicuity markings have been compulsory in Europe, for new type approved trucks with a tonnage over 7.5 tonnes (N2 and N3) and for trailers with a tonnage of more than 3.5 tonnes (O3 and O4).

Reflective materials which must comply with regulation ECE 104 of the United Nations Economic Commission for Europe (UNECE) have to be applied to the sides and rear of all relevant vehicles.

As the inventor of microprismatic retroreflective technology primarily mandated for ECE 104 markings, ORAFOL's materials have been setting the standard for HGV visibility performance since the early 1990s.

To assist operators understand ECE 104 Regulation, the Australian Trucking Association (ATA) has produced a Technical advisory procedure for heavy vehicle visibility which is available from the ATA website at http://www.truck.net.au/resource-library/heavy-vehicle-visibility-technical-advisory-procedure

ECE 104 Regulation Overview

Being seen is being safe.

M	Motor vehicles used for the transport of passengers	Mandatory since 10th July 2011*	Allowed	Not allowed
M1	Motor vehicles used to transport passengers with no more than 8 seats in addition to the driver's seat	-	-	✗
M2	Motor vehicles used to transport passengers with more than 8 seats with a maximum weight of 5 tonnes	-	✓	-
M3	Motor vehicles used to transport passengers with more than 8 seats and with more than 5 tonnes in weight	-	✓	-
N	**Motor vehicles used for the carriage of goods**	**Mandatory since 10th July 2011***	**Allowed**	**Not allowed**
N1	Motor vehicles used for the carriage of goods with a maximum weight of 3,5 tonnes	-	✓	-
N2	Motor vehicles used for the carriage of goods with a weight over 3,5 tonnes but not exceeding 7,5 tonnes	-	✓	-
N2	Motor vehicles used for the carriage of goods with a weight exceeding 7,5 tonnes	✓	✓	-
N3	Motor vehicles used for the carriage of goods with a weight exceeding 12 tonnes	✓	✓	-
O	**Trailers**	**Mandatory since 10th July 2011***	**Allowed**	**Not allowed**
O1	Trailers with a maximum weight not exceeding 0,75 tonnes	-	-	✗
O2	Trailers with a weight exceeding 0,75 tonnes but no more than 3,5 tonnes	-	✓	-
O3	Trailers with a weight exceeding 3,5 tonnes but no more than 10 tonnes	✓	✓	-
O4	Trailers exceeding 10 tonnes in weight	✓	✓	-

*) For new registrations

ORAFOL®

Trucks and Trailers

Approved marking tape for rigid surfaces

ORALITE® VC 104+ Rigid Grade

for HGVs with rigid sides

Product benefits include:

- Approved to ECE 104 Class C
- No need to edge seal
- No risk of the tape cracking
- Excellent long range visibility even in poor weather conditions
- Also available as VC 104+ Rigid Grade Imagine, customised with your logo repeated along the tape

- Easy to handle and apply
- Robust enough to withstand cleaning processes including power washing

Product	Colour range	Approved to	Roll sizes	Typical durability
ORALITE® VC104+ Rigid Grade	Yellow, Red, White	ECE 104 class C	50mm x 50m	10 Years

Trucks and Trailers

Approved marking tape for rigid surfaces

ORALITE® VC 104+ Rigid Grade Imagine

for HGVs with Rigid Grade Imagine

YOUR LOGO

Product benefits include:

- Approved to ECE 104 Class C
- No need to edge seal
- No risk of the tape cracking
- Excellent long range visibility even in poor weather conditions
- Customised with your logo repeated along the tape

- Easy to handle and apply
- Robust enough to withstand cleaning processes including power washing

Product	Colour range	Approved to	Roll sizes	Typical durability
ORALITE® VC104+ Rigid Grade Imagine	Yellow, Red, White	ECE 104 class C	50mm x 50m	10 Years

Approved marking tape for rigid surfaces

ORALITE® VC 104+ Tanker Stickers

Easy to peel pre-cut stickers, especially suitable for rear marking of tankers

Product benefits include:

- Same superior performance as ORALITE® VC 104+ Rigid Grade
- Approved to ECE 104 Class C
- Pre-cut in 160mm long labels for easy application
- Ideal solutions for circular applications

Product	Colour range	Approved to	Roll sizes	Typical durability
ORALITE® VC104+ Tanker Stickers	Yellow, Red, White	ECE 104 class C	50mm x 50m *pre-cut into 90mm labels* *pre-cut into 160mm labels*	10 Years
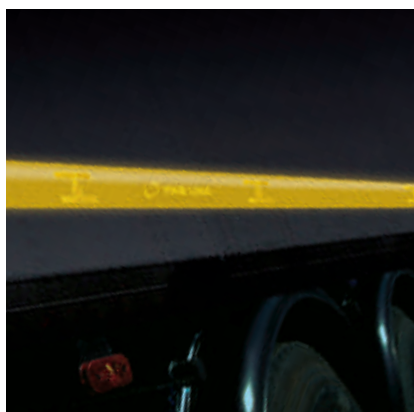
Trucks and Trailers

Segmented approved marking tape for curtain surfaces

ORALITE® VC 104+ Curtain Grade Segmented

Product benefits include:

- Approved to ECE 104 Class C
- Easy to handle and apply
- The tape flexes and stretches with the curtain
- Resistant to power washing
- Excellent long range visibility even in poor weather conditions

- Unique vinyl construction for great flexibility
- Easy to cut with no edge sealing required
- Supplied on a continuous roll as pre-cut in labels each 48mm x 50mm (with 6 mm spacing between segn
- 3 year durability when applied to new curtains

Product	Colour range	Approved to	Roll sizes	Typical durability
ORALITE® VC104+ Curtain Grade Segmented	Yellow, Red, White	ECE 104 class C	50mm x 50m *pre-cut into 48mm labels*	Up to 3 Years

Approved marking tape for curtain surfaces

ORALITE® VC 104+ Curtain Grade Segmented Imagine

Product benefits include:

- Approved to ECE 104 Class C
- Easy to handle and apply
- The tape flexes and stretches with the curtain
- Resistant to power washing
- Customised with your logo repeated along the tape
- 3 year durability when applied to new curtains

- Unique vinyl construction for great flexibility
- Easy to cut with no edge sealing required
- Supplied on a continuous roll as pre-cut in labels each 48mm x 50mm (with 6 mm spacing between segments)
- Excellent long range visibility even in poor weather conditions

Product	Colour range	Approved to	Roll sizes	Typical durability
ORALITE® VC104+ Curtain Grade Segmented Imagine	Yellow, Red, White	ECE 104 class C	50mm x 50m	Up to 3 Years

Engineered to Save Lives™

Trucks and Trailers

Prismatic reflective livery film for extreme brightness

ORALITE® VC 310

Product benefits include:

- Prismatic reflective performance
- Polyester construction
- Compliance to AS/NZS 1906.1:2017 Class 400 (Class 1)
- Compliance to AS/NZS 1906.1 Class 1A
- Best long distance visibility on the market
- Formerly known as D82

- Conformable, easy to cut and apply
- No edge sealing required
- Withstands repeated power washes
- Easy to repair if damaged
- Self adhesive backing
- Custom slitting

Product	Colour range	Roll sizes	Typical durability
ORALITE® VC 310	Silver, Red, Yellow, Blue, Green, 45° Red/Silver	775mm x 45.7m *Other sizes available on request*	7 Years

Prismatic reflective livery film for extreme brightness

ORALITE® DOT-C2

Product benefits include:

- Prismatic reflective performance
- Polyester construction
- Compliance to AS/NZS 1906.1:2017 Class 400 (Class 1)
- Compliance to AS/NZS 1906.1 Class 1A
- Best long distance visibility on the market
- Formerly known as D82

- Conformable, easy to cut and apply
- No edge sealing required
- Withstands repeated power washes
- Easy to repair if damaged
- Self adhesive backing
- Custom slitting

DOT-C2 Red/Silver Block

Product	Colour range	Roll sizes	Typical durability
ORALITE® DOT-C2	Red/Silver Block	775mm x 45.7m *Other sizes available on request*	7 Years

Commercial Fleet Marking Grade

ORALITE® 5421 **NEW**

Product benefits include:

- Cast PVC film
- Highly flexible reflective film
- Compliance to AS/NZS 1906.1:2017 Class 100 (Class 2)

- Easy to apply, with good adaptability also to uneven surfaces
- Weatherproof

Product	Colour range	Roll sizes	Typical durability
ORALITE® 5421	White/Red	1235mm x 25m 50mm x 25mm *Other sizes available on request*	4 Years

Please Note: Strictly intended for adhesion onto even surfaces

Graphic Innovations

ORAFOL Australia can now offer a full range of graphics products direct and locally sourced.

To receive ORAFOL Australia's latest Graphic Innovations catalogue, please email sales.au@orafol.com or contact your local ORAFOL state branch.

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Engineered to Perform Better™

Principles of Retroreflection — Personal Safety
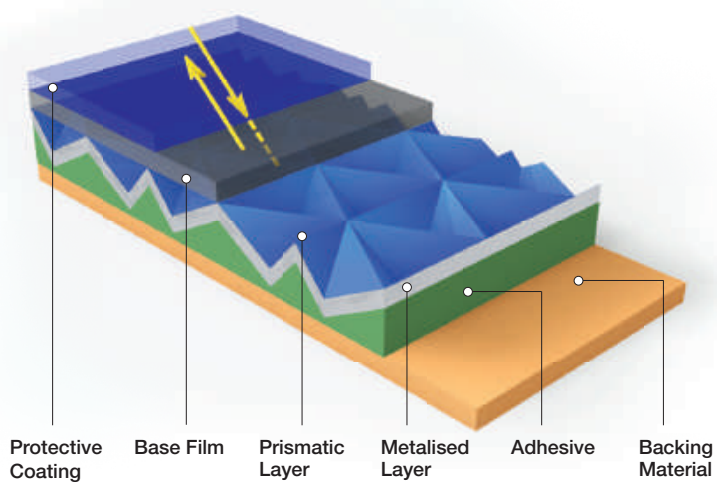
Prismatic Metalised Construction

| Protective Coating | Base Film | Prismatic Layer | Metalised Layer | Adhesive | Backing Material |

Prismatic Air-backed Construction

| Protective Coating | Top Film | Air | Seal | Prismatic | Backing Material |

Exposed Glass Bead Construction

| Glass Bead | Binder | Metalised Layer | Fabric/HAA |
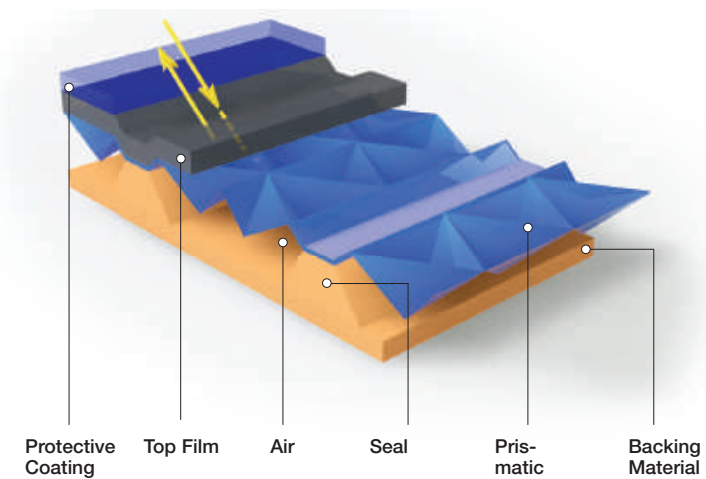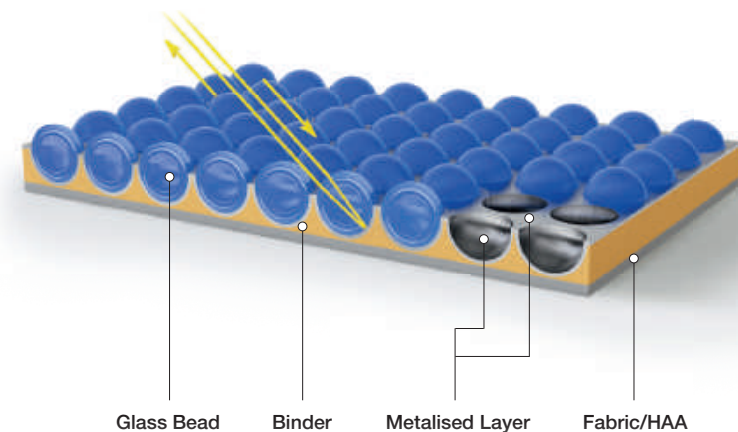
Personal Safety

Quick Guide

	Product	Wash	Property	Certification	Wash cycles	Wash Temperature	Drying*
SEW-ON	ORALITE® GP 011	Domestic	Economy option	AS/NZS 1906.4 Class R	30	60° C	
	ORALITE® GP 020	Domestic		AS/NZS 1906.4 Class R	50	60° C	
	ORALITE® GP 030	Domestic	Flame retardant	AS/NZS 1906.4 Class R AS/NZS 4824, AS/NZS 4967, Arc	50	60° C	
	ORALITE® GP 090	Industrial		AS/NZS 1906.4 Class R	80 50	60° C*** 75° C	Tumble, 90° C Tunnel, 155° C
	ORALITE® GP 095	Industrial	Flame retardant	AS/NZS 1906.4 Class R, AS/NZS 4967, AS/NZS 4824, Arc	50 50 50 50	60° C*** 75° C 75° C 75° C	Tumble, 90° C Tunnel, 155° C* Tumble, 90° C* Tunnel, 155°C**
	ORALITE® FTP 300	Domestic	Flame retardant	AS/NZS 1906.4 Class R, AS/NZS 4967, AS/NZS 4824, Arc	40	60° C	
HEAT	ORALITE® GP 097	Industrial	Flame retardant	AS/NZS 1906.4 Class R, AS/NZS 4967, AS/NZS 4824, Arc	50 50	60° C*** 75° C	Tumble, 90° C Tunnel, 155° C
	ORALITE® GP 097S	Industrial	Flame retardant and segmented		50	75° C	
SEW-ON	ORALITE® GP 801	Domestic		AS/NZS 1906.4 Class R	100	60° C	
	ORALITE® GP 440	Domestic		AS/NZS 1906.4 Class R	100	60° C	
	ORALITE® GP 110/ GP110B	Domestic		AS/NZS 1906.4 Class R	50	65° C	
	ORALITE® GP 340	Domestic		AS/NZS 1906.4 Class R	50	65° C	
	ORALITE® AU 350	Domestic		AS/NZS 1906.4 Class R	50	65° C	

Pattern Guide

ORALITE® GP 010
ORALITE® GP 020
ORALITE® GP 030
ORALITE® GP 090
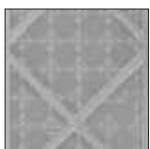ORALITE® GP 095
ORALITE® GP 097
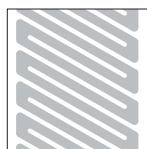

ORALITE® AU 350

ORALITE® FTP 300

ORALITE® GP011
Non-Breathable
Please note pattern
for breathable has
holes

ORALITE® GP 340

ORALITE® GP 097S

ORALITE® GP 440

ORALITE® GP 801

ORALITE® logo

Personal Safety – Glass Bead Tapes Sew-on

ORALITE® GP 011

Product benefits include:

- Economy tape, ideal for common washable high visibility garments
- Domestic wash according to ISO 6330:2012, Method 6N
- Sew-on application
- Compliance to AS/NZS 1906.4 Class R
- Reflects as white

Product	Colour	Backing	Roll sizes	Washing	Approval
ORALITE® GP 011	Silver	Nylon	50mm x 100m	30 cycles at 60° C	AS/NZS 1906.4 Class R

ORALITE® GP 020   NEW

Product benefits include:

- Durable standard tape, ideal for common washable high visibility garments
- Dry cleaning possible
- Reflects as white
- Sew-on application
- Compliance to AS/NZS 1906.4 Class R
- Domestic wash according to ISO 6330:2012, Method 6N

Product	Colour	Backing	Roll sizes	Washing	Approval
ORALITE® GP 020	Silver	Polyester/Cotton	50mm x 100m	50 cycles at 60° C	AS/NZS 1906.4 Class R

ORALITE® GP 030

Product benefits include:

- Flame retardant tape
- Compliance to AS/NZS 1906.4 Class R, AS/NZS 4967, AS/NZS 4824, & Arc
- Domestic wash according to ISO 6330:2012, Method 6N
- Sew-on application
- Dry cleaning possible
- Reflects as white

Product	Colour	Backing	Roll sizes	Washing	Approval
ORALITE® GP 030	Silver	Cotton	50mm x 100m	50 cycles at 60° C	AS/NZS 1906.4 Class R, AS/NZS 4967, AS/NZS 4824, & Arc

Personal Safety – Glass Bead Tapes Industrial Wash

ORALITE® GP 090

Product benefits include:

- Standard industrial wash tape, ideal for common washable high visibility garments
- Sew-on application
- Compliance to AS/NZS 1906.4 Class R
- Reflects as white

- Industrial wash according to ISO 15797:2002, Method 8

Product	Colour	Backing	Roll sizes	Washing	Approval
ORALITE® GP 090	Silver	Polyester/Cotton	50mm x 100m	80 cycles at 60° C* 50 cycles at 75° C + tumble dry at 90° C 50 cycles at 75° C + tunnel dry at 155° C	AS/NZS 1906.4 Class R
*) ISO 6330, Method 6N					

ORALITE®

Personal Safety – Glass Bead Tapes Industrial Wash & Flame Retardant

For sew-on application

ORALITE® GP 095

Product benefits include:

- Sew-on tape for garments where both industrial wash, flame retardance and ARC properties are needed
- Compliance to AS/NZS 1906.4 Class R, AS/NZS 4967, AS/NZS 4824, & Arc

- Sew-on application
- Industrial wash according to ISO 15797:2002 Methods 8 and 2

Product	Colour	Backing	Roll sizes	Washing	Approval
ORALITE® GP 095	Silver	100% Aramid fabric	50mm x 50m	50 cycles at 60° C 50 cycles at 75° C + tumble dry at 90° C 50 cycles at 75° C + tunnel dry at 155° C inlet temperature 50 cycles at 75° C + tumble dry at 90° C 50 cycles at 75° C + tunnel dry at 155° C inlet temperature	AS/NZS 1906.4 Class R, AS/NZS 4967, AS/NZS 4824, & Arc

For heat application

ORALITE® GP 097

NEW

Product benefits include:

- Heat applied tape for garments where both industrial wash and flame retardance properties are needed
- Compliance to AS/NZS 1906.4 Class R, AS/NZS 4967, AS/NZS 4824, & Arc

- Heat application
- Industrial wash according to ISO 15797:2002 Method 8

Product	Colour	Backing	Roll sizes	Washing	Approval
ORALITE® GP 097	Silver	Heat applied	50mm x 100m	50* cycles at 60° C 50** cycles at 75° C + tumble dry at 90° C 50 cycles at 75° C + tunnel dry at 155° C	AS/NZS 1906.4 Class R, AS/NZS 4967, AS/NZS 4824, & Arc

Personal Safety – Glass Bead Tapes Industrial Wash & Flame Retardant

Segmented version of ORALITE® GP 097

ORALITE® GP 097S   NEW

Product benefits include:

- Heat applied tape for garments where both industrial wash and flame retardance properties are needed
- Compliance to AS/NZS 1906.4 Class R, S/NZS 4967, AS/NZS 4824, & Arc
- Heat application
- Industrial wash according to ISO 15797:2002 Method 8
- Segmented construction for extra garment flexibility

Product	Colour	Backing	Roll sizes	Washing	Approval
ORALITE® GP 097S	Silver	Heat applied	50mm x 100m	50* cycles at 60° C 50** cycles at 75° C + tumble dry at 90° C 50 cycles at 75° C + tunnel dry at 155° C	AS/NZS 1906.4 Class R, AS/NZS 4967, AS/NZS 4824, & Arc

"Triple Trim" design

ORALITE® FTP 300   NEW

Product benefits include:

- Classic "Triple Trim" fire tape with a reflective centre strip and fluorescent borders
- Compliance to AS/NZS 1906.4 Class R, AS/NZS 4967, AS/NZS 4824, & Arc
- Sew-on application
- Domestic wash according to ISO 6330:2012, Method 6N
- Central strip reflects light as white

Product	Colour	Backing	Roll sizes	Washing	Approval
ORALITE® FTP 300	Fl Lime and Silver retroreflective central strip	Cotton	50mm x 100m	40 cycles at 60° C	AS/NZS 1906.4 Class R, AS/NZS 4967, AS/NZS 4824, & Arc

Personal Safety – Prismatic Metalised Tapes

Metalised microprismatic tape for high visibility emergency services garments

ORALITE® GP 801

These products exceed the highest reflectivity of AS/NZS 1906.4 Class R

Product benefits include:

- High performance microprismatic tape
- Subsurface printed compliant checker
- Washing: according to domestic wash,
- Superior and durable performance
- Excellent performance in all weather conditions, works when wet
- Slim and flexible to move with jacket
- ISO 6330:2000, Method 2A
- Police badges available
- Superior long distance visibility

Product	Colour	Backing	Roll sizes	Washing	Approval
ORALITE® GP 801	Silver Checker - Silver/Blue - Silver/Red - Silver/Green	Textile backing for sew-on	50mm x 50m	100 cycles at 60° C	AS/NZS 1906.4 Class R

Metalised microprismatic tape for high visibility garments

ORALITE® GP 440

These products exceed the highest reflectivity of AS/NZS 1906.4 Class R

Product benefits include:

- Excellent performance in all weather conditions, works when wet
- Attractive glossy surface - easy to wipe clean
- Slim and flexible to move with the garment
- Textile backing for sew-on applications
- Washing: according to domestic wash, ISO 6330:2000, Method 2A

Product	Colour	Backing	Roll sizes	Washing	Approval
ORALITE® GP 440	Silver, Fl Lime	Textile backing for sew-on	50mm x 50m	100 cycles at 60° C	AS/NZS 1906.4 Class R

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Personal Safety – Prismatic Air Backed Tapes

High Visibility Workwear

ORALITE® GP 110 / GP110 Breathable

These products exceed the highest reflectivity of AS/NZS 1906.4 Class R

Product benefits include:

- High performance prismatic tape
- Safety without compromise
- Superior long distance visibility

- Available in vivid fluorescent colours for added visibility
- Excellent performance in all weather conditions, works when wet
- Washing: according to domestic wash, ISO 6330:2000, Method 2A

Product	Colour	Backing	Roll sizes	Washing	Approval
ORALITE® GP 110	White, Fl Lime	sew-on	50mm x 50m	50 cycles at 65° C	AS/NZS 1906.4 Class R
ORALITE® GP 110 Breathable	White, Fl Lime	sew-on	50mm x 60m	50 cycles at 65° C	AS/NZS 1906.4 Class R

ORALITE® GP 340

Product benefits include:

- Compliance to AS/NZS 1906.4 Class R
- Sew-on application
- Fluorescent colours available

- Excellent performance in all weather conditions, works when wet
- Domestic wash according to ISO 6330:2012, Method 6N

Product	Colour	Backing	Roll sizes	Washing	Approval
ORALITE® GP 340	White, Fl Lime	sew-on	50mm x 50m	50 cycles at 65° C	AS/NZS 1906.4 Class R

ORALITE® AU 350

Product benefits include:

- The ideal prismatic tape for cold weather and hard wearing applications, due to its reinforced backing
- Compliance to AS/NZS 1906.4 Class R

- Sew-on application
- Excellent performance in all weather conditions, works when wet
- Domestic wash according to ISO 6330:2012, Method 6N
- Especially for cold weather and hard wearing applications

Product	Colour	Backing	Roll sizes	Washing	Approval
ORALITE® AU 350	Arco Red	sew-on	50mm x 50m	50 cycles at 65° C	AS/NZS 1906.4 Class R

> *Techwear by Carrycode have been using ORAFOL reflective garment tapes for over 15 years, supplying garments to the Police and Ambulance services around Australia. In ORAFOL we have found a partner who are professional, easy to deal with, consistent in their supply of products, and who we would not hesitate in recommending to any other manufacturer in our industry.* **Tom Ryan** Manager, Techwear by Carrycode

Marine

Marine

For the maritime and offshore industries ORAFOL offers a variety of SOLAS approved tapes for marine applications such as life jackets, inflatable lifeboats and heavy duty marine rainwear.

ORALITE® FD 1403 and FD 1404

Product benefits include:
- Microprismatic technology
- Compliance with SOLAS/IMO requirements
- Single layer construction - flexible and durable
- Brilliant long-range visibility
- Durable, superior abrasion resistance
- Waterproof
- Flexible, will easily conform to irregular or pitted surfaces
- Will survive continuous immersion in sea water and freezing temperatures
- Kiss Cut patches available

FD 1403   FD 1404

Product	Colour	Construction	Roll sizes	Immersion	Approval
ORALITE® FD 1403	Silver	Polyester top film fabric-backed or pressure sensitive adhesive	50mm x 45.7m	Type I - 750 hours Type 2 - 1500 hours	SOLAS/IMO European BV US Coast Guard
ORALITE® FD 1404	Silver	PVC top film pressure sensitive adhesive	50mm x 45.7m	Type I - 750 hours	SOLAS/IMO European BV

Mining and Construction

ORALITE® Mine Hanging Streamers & Droppers

ORALITE® mine hanging streamers and tags are a unique way of delineating underground roadways. Research has proven that colour and long distance visibility play a major role in safety. By making work areas more visible, we can reduce the risks of death and injury.

Product benefits include:

- Double sided: can be seen in both directions
- Reflects colour: colour coding for different applications
- Computer cut lettering applied
- Compliance to AS/NZS 1906.1:2017 Class 300T (Class 1)
- Two colour combinations
- Weighted
- Reinforced and non-reinforced
- Attach with ease: eyelets, magnets and press studs

| Product	Colour range	Width	Length
ORALITE® Mine Hanging Streamers & Droppers (Non-reinforced)	White, Yellow, Orange, Red, Blue, Fl Orange, Fl Lime, Fl Pink, Fl Red, Fl Green	25mm and 50mm	Custom lengths
ORALITE® Mine Hanging Streamers & Droppers (Non-reinforced with plastic insert)	White, Yellow, Orange, Red, Blue, Fl Orange, Fl Lime, Fl Pink, Fl Red, Fl Green	50mm	500mm to 2m
ORALITE® Mine Hanging Streamers & Droppers (Reinforced)	Yellow, Blue, Fl Lime, Fl Pink, Fl Green	50mm	Custom lengths

Mining and Construction

ORALITE® Cable Patches and Tags

ORALITE® cable tie rope patches and tags are the solution to your delineation of conveyor belts and for identifying areas where colour coding is necessary.

Product benefits include:

- Brightest retroreflective technology
- Long distance visibility
- Double sided: can be seen in both directions

- Wet performance
- Extensive range of colours
- Reflection in the colour of the tape

- Abrasion and wash resistance
- Custom made to your requirements
- Compliance to AS/NZS 1906.1:2017 Class 300T (Class 1)
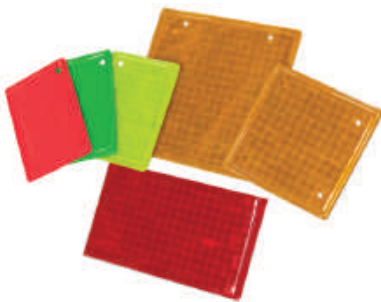
| Product	Colour range	Sizes
ORALITE® Cable Patches ORALITE® Tags (Non-reinforced)	White, Yellow, Red, Blue, Fl Lime, Fl Pink, Fl Red, Fl Green	105mm x 48mm x 5mm hole 110mm x 80mm x 5mm hole 110mm x 110mm x 5mm hole 160mm x 50mm x 22mm hole 210mm x 60mm x 22mm hole 50mm x 500mm x 22mm hole

ORALITE® Helmet Stickers Airbacked and Channeliser

ORALITE® Helmet Stickers are manufactured in both airbacked prism and metalised retroflective channeliser materials. Standard colours and sizes are available in both airbacked and channeliser products.

Product benefits include:

- Brightest retroreflective technology
- Long distance visibility
- Wet performance

- Reflection in the colour of the tape
- Custom made to your requirements
- Compliance to AS/NZS 1906.1:2017 Class 300T (Class 1)

Product	Colour range	Sizes
ORALITE® HP Airbacked	White, Fl Lime, Fl Red	25mm x 100mm (16/Sheet)
ORALITE® Channeliser	White	25mm x 230mm Straight 25mm x 220mm Curved
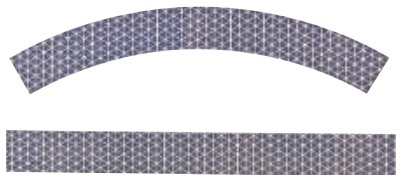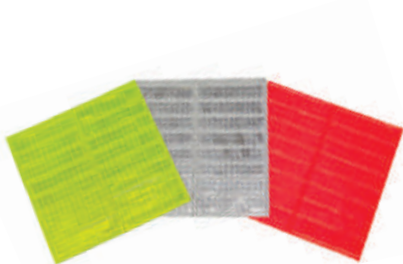
ORALITE® Cone Collars

These materials are ideal for use on temporary traffic zones and demarcation of blast areas.

Product benefits include:
- Prismatic high brightness materials
- Vinyl construction
- Wide angle performance
- Fluorescent colours available for added visibility during the day and in adverse weather conditions
- We offer custom sizes on request
- Custom text available
- Superior durability

Product	Colour range	Sizes	Approval
ORALITE® Cone Collars 2018 Highbright	White, Yellow, Red, Blue, Superbright Orange, Fl Lime, Fl Pink, Fl Red, Fl Green	150mm Collar 250mm Collar 250mm Collar 700 mm Collar Custom Sizes	AS/NZS 1906.1:2017 Class 300T (Class 1)

> **"** *Hi-Vis has proudly partnered with ORAFOL for the past 25 years in building our mining division. We can always rely on the expertise and the quality of products ORAFOL provide time after time.* **"**
>
> **Simon Watson** Director Hi-Vis Group

ORALITE® Picket Pockets

ORALITE® picket pockets are used in the delineation and demarcation of haul roads and intersections, blasting areas and for general site safety.

Product benefits include:
- Prismatic high brightness materials
- Vinyl construction
- We offer custom sizes on request
- Fluorescent colours available for added visibility during the day and in adverse weather conditions
- Wide angle performance
- Superior durability

Product	Colour range	Sizes	Approval
ORALITE® Picket Pockets 2018 Highbright	White, Yellow, Red, Blue, Fl Lime, Fl Pink, Fl Red, Fl Green Superbright Orange	150mm x 1000mm 175mm x 600mm 175mm x 750mm 175mm x 1000mm 200mm x 750mm 200mm x 1000mm Custom Sizes	AS/NZS 1906.1:2017 Class 300T (Class 1)

Mining and Construction

ORALITE® Rollup Signs
2018 / 2051 / 2056

ORALITE® uses its proprietary microprism reflective system to produce superior products in a flexible format that exceeds performance requirements of on site applications. Reflective roll up sign panels are of a much lighter weight than boxed edge signs. There are no sharp edges or corners. This improves safety factors for both the users and on site vehicles.

Product benefits include:

- Prismatic high brightness materials
- Vinyl construction
- Compliance to AS/NZS 1906.1:2017 Class 400T (Class 1W) (WZ) AS/NZS 1906.1 Class 300T (Class 1)
- Wide angle performance
- Fluorescent colours available for added visibility during the day and in adverse weather conditions

- Superior durability
- Most systems will fold down to compact sizes.
- We offer custom sizes on request

Product	Colour Range	Description	Standards	Application
ORALITE® Rollup Signs 2018 Highbright	White, Yellow, Blue, Red, Fl Lime, Fl Pink, Fl Red, Fl Green	High performance vinyl film RF welded to a reinforced scrim backing. Custom panels made to order	AS/NZS 1906.1:2017 Class 300T (Class 1) & Class 400T (Class 1W)	For use in temporary work zone, construction, and emergency applications.
ORALITE® Rollup Signs 2051 Superbright	Fl Orange	High performance fluorescent vinyl film RF welded to a reinforced scrim backing. Custom panels made to order	AS/NZS 1906.1:2017 Class 300T (Class 1) & Class 400T (Class 1W)	For use in temporary work zone, construction, and emergency applications.
ORALITE® Rollup Signs 2056 Marathon	Fl Orange	Long life fluorescent vinyl film RF welded to a reinforced scrim backing. Custom panels made to order	AS/NZS 1906.1:2017 Class 300T (Class 1) & Class 400T (Class 1W)	For use in temporary work zone, construction, and emergency applications.

Banner Materials

ORALITE® 5946

Product benefits include:

- Highly flexible banner bacterial
- Embossed air backed prism construction
- High Frequency weldable or sewable

- UV Stablilised PVC top film
- Compliance to AS/NZS 1906.1:2017 Class 400T (Class 1) (WZ)
- Excellent printability

Product	Colour range	Printing	Roll sizes	Outdoor durability
ORALITE® 5946	White, Yellow, Fl Yellow/Green	Ink-jet and screen printing	1235mm x 25m	5 Years
ORALITE® 5946	Fl Orange	Ink-jet and screen printing	1235mm x 25m	3 Years

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Mine Spec Vehicles

Flexible high performance prismatic film

ORALITE® VC 612 Flexibright™

Product benefits include:

- High tack
- No edge sealing required
- Conformable and adaptable
- Easy to apply
- Withstands power washing and Solvent resistance

- Wide angle performance
- Highest reflective brightness
- Easy damage repair
- Compliance to AS/NZS 1906.1:2017 Class 400 (Class 1)

Product	Colour range	Roll sizes	Typical durability
ORALITE® VC 612 Flexibright™	Fl Yellow/Green (Lime), Fl Lime	50mm x 50m 75mm x 50m *Other sizes available on request*	Fluorescent colours: 3 to 5 years

Prismatic Brilliant Grade

ORALITE® 6900 Edge Sealed **NEW**

For High Visibility on Mining & Construction Sites

Product benefits include:

- Prismatic high brightness livery film
- Pre-edge sealed tape

- Compliance to AS/NZS 1906.1:2017 Class 400 (Class 1W)
- Ideal solution for long term durability for mining vehicles

Product	Colour range	Roll sizes	Typical durability
ORALITE® 6900 Edge Sealed	Fl Yellow-Green	50mm x 50m 75mm x 50m *Other sizes available on request*	10 Years

Prismatic Construction Grade

ORALITE® 5930

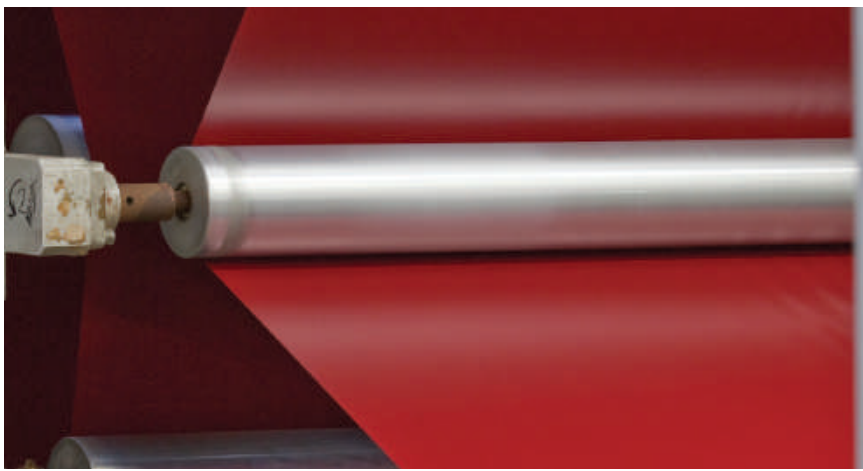For High Visibility on Mining & Construction Sites
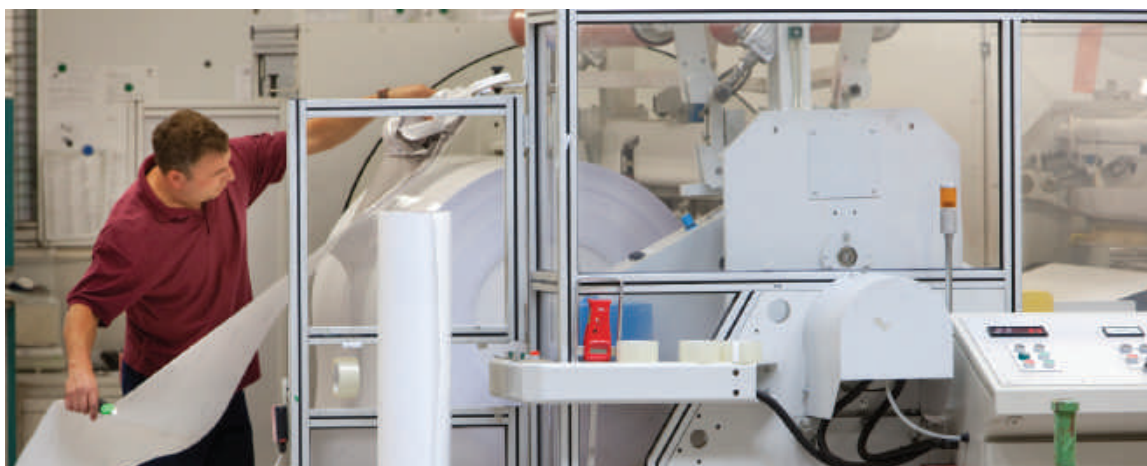
Product benefits include:

- Highly reflective prismatic film
- Surface of special treated PVC film

- Compliance to AS/NZS 1906.1:2017 Class 400 (Class 1W)

Product	Colour range	Roll sizes	Typical durability
ORALITE® 5930	Fl Yellow-Green	50mm x 50m 75mm x 50m *Other sizes available on request*	3-5 Years

Reflective Solutions
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