Reflective Solutions

Product Catalogue 2022

Engineered to Save Lives™

ROADSIDE
SERVICES AND SOLUTIONS

ORAFOL®

About us

ORAFOL® is one of the world's leading manufacturers of innovative self-adhesive graphics films, reflective films, and adhesive tapes systems. Established in 1808, originally manufacturing postage stamp inks for the Kingdom of Prussia, certainly a far cry from where the company is today as the manufacturer of world leading products into a diverse range of markets for many applications.

The company serves and manages the increasing and demanding challenges of a dynamic international market. ORAFOL operates across Europe, the USA, Asia, and the Middle East and has more than 1800 employees worldwide. With the ever expanding 250,000 m^2 manufacturing facility in Oranienburg in Germany where the global headquarters is based.

ORAFOL Australia is a national network of distribution facilities providing best practice technical support, product solutions, customer service and supply to our growing customer base.

Our three divisions namely, Graphic Innovations, Reflective Solutions and Adhesive Tape Systems, service many cross functional markets in Australia.

As a direct to market manufacturer the team at ORAFOL Australia are focused on driving our brand and product portfolio developing strong and lasting relationships with our customers within the relevant market segments. The Australian market is very dynamic and delivers continual growth in traditional arenas and adjacent markets.

Our vision is to be the industry leading manufacturer and to be able to provide our customers with the best possible product and application solutions.

Alex McClelland
Managing Director
ORAFOL Australia Pty Ltd

We make doing business easy!

Ordering from ORAFOL Australia is so easy.
Whether you know exactly what you want, or need specialist advice, we make it easy.
Our National team are always here to assist.

Customer Service:

📞 **1300 672 365** ✉ **sales.au@orafol.com.au**

Or find us online:

🌐 **www.orafol.com.au** 📷 **orafol_australia** ▶ **ORAFOL Australia Pty Ltd**

🛒 **store.orafol.com.au** in **ORAFOL Australia Pty Ltd**

ORAFOL Group

ORAFOL is one of the world's leading manufacturers of innovative self-adhesive graphic films, reflective materials and adhesive tape systems. The international ORAFOL Group is headquartered just outside the city gates of Berlin, in Oranienburg.

ORAFOL Group Worldwide Presence

ORAFOL Europe
Oranienburg, Headquarters

NUPRO Advanced TPU Films
South Deerfield

Kay Premium
Marking Films
Newport

ORAFOL Fresnel Optics
Apolda

ORAFOL Canada
Oakville

ORAFOL Europe
Waterford

ORAFOL Russia
Pskov

ORAFOL Americas
Avon

ORAFOL India
New Delhi

ORAFOL Americas
Rochester

ORAFOL China
Xiamen

ORAFOL Japan
Tokyo

Kay Gráficas
Automotrices
Saltillo

ORAFOL
Middle East
Dubai

ORAFOL Taipei
Taipei

Kay Automotive Graphics
Lake Orion

ORAFOL Americas
Black Creek

ORAFOL Turkey
Istanbul

ORAFOL Safety Systems
Johannesburg

ORAFOL Australia
Brisbane

Rowland Advanced
Polymer Films
Wallingford

ORAFOL Australia
Sydney

ORAFOL Australia
Melbourne

ORAFOL Australia
Adelaide

ORAFOL Australia
Perth

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ORAFOL Western Australia
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Western Australia 6053
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Green Initiatives
& Social Responsibility

At the ORAFOL Europe GmbH, we acknowledge our responsibility to help our communities and to protect the environment we live in.

Environmental sustainability and corporate social responsibility are principles that guide our actions and decision-making, from management to individual employees. All our employees know that they are empowered to make a difference.

Our efforts in this field are continuously ongoing – not just a sporadic activity. We are committed throughout our organisation to continuously improve our environmental sustainability efforts and to reach out to people around the world.

Green Initiatives

When it comes to environmental responsibility, ORAFOL go beyond just complying with regulations. Protecting the environment for everyone is an integral part of our business.

At the ORAFOL GmbH headquarters, our specially-designed environmental management system is certified according to ISO 14001. It features regenerative incinerators which not only reduce emissions from our manufacturing processes; they improve the air quality. That's because its emissions are even cleaner than that of our existing surrounding air quality. Energy efficiency is maximised by returning the recovered heat to the production process and the heating system, creating a closed raw material, energy and resource cycle.

Our in-house environmental lakes at headquarters are designed to minimise the impacts of production on the environment and protect the health of our employees and local community. Specially-protected animals and plants live and thrive in them.

In addition, an integrated management system combining both the ISO 9001 and ISO 14001 standards is being completed at one of the production sites in the United States.

Corporate Social Responsibility (CSR)

Long before "Corporate Social Responsibility" (CSR) became a popular term, ORAFOL facilities around the world have actively engaged in giving back to their communities.

A sampling of these initiatives includes large donations of reflective products for child safety initiatives throughout the world, volunteering in local schools to teach business basics, and volunteer work with organisations such as Rebuilding Together, a leading nonprofit organisation which helps low-income Americans to repair and refurbish their homes and to rebuild communities. Financially, the company has provided scholarship support to inner city students as well.

Applications

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Traffic Control

Engineered to Save Lives™

PRISMATIC FILMS

ORALITE® 9910

Brilliant Grade Premium - Class 1100

Product Features

Classification: AS/NZS 1906.1 2017 Class 1100 (Class 1X)
Face: UV Stabilised Acrylic Film
Durability: Non-Fluoro 12 Years, Fluoro 10 Years/3 Years
Digital Printing Ink: 5019, 5019i
Digital Printing Matched Systems: AGFA Anapurna (M2050, M2050i, H2050i, H1650i)
Screen Printing Inks: 5018
Transparent Overlaminate Films: 5061, 5095

Recommended Applications

- Wide angle traffic signs.
- Overhead gantry.
- Traffic signs.

Special Note

- Highest reflective performance.
- Highest degree of weather resistance .
- Fluorescent colours for enhanced daytime visibility.
- Excellent printability .

Product	Colours	Size	Durability
9910 XXX 1235	White, Yellow, Red, Orange, Blue, Green, Brown	1235mm x 50m	12 years
9910 XXX 1235	Fl. Yellow-Green, Fl. Yellow	1235mm x 50m	10 years
9910 038 1235	Fl. Orange	1235mm x 50m	3 years

#010 White

#020 Yellow

#030 Red

#035 Orange

#050 Blue

#060 Green

#080 Brown

#029 Fl. Yellow Green

#037 Fl. Yellow

#038 Fl. Orange

*Colours are not a 100% colour match to the actual material. Colour is provided as a reference only. All colour swatches may not be represented.

PRISMATIC FILMS

ORALITE® 6910

Brilliant Grade Premium - Class 400

Product Features

Classification: AS/NZS 1906.1 2017 Class 400 (Class 1W)
Face: UV Stabilised Acrylic Film
Durability: Non-Fluoro 12 years, Fluoro 10 years / 3 years
Digital Printing Ink: 5019, 5019i
Digital Printing Matched Systems: AGFA Anapurna (M2050, M2050i, H2050i, H1650i)
Screen Printing Inks: 5018
Transparent Overlaminate Films: 5061, 5095

Recommended Applications

- Long-term outdoor exposure traffic signs.
- Traffic signs.

Special Note

- High reflective performance.
- Weather resistance.
- Fluorescent colours for enhanced daytime visibility.
- Excellent printability.

Product	Colours	Size	Durability
6910 XXX 1235	White, Yellow, Red, Orange, Blue, Green, Brown	1235mm x 50m	12 years
6910 XXX 1235	Fl. Yellow-Green, Fl. Yellow	1235mm x 50m	10 years
6910 038 1235	Fl. Orange	1235mm x 50m	3 years

#010 White	#020 Yellow	#030 Red	#035 Orange	#050 Blue	#060 Green
#080 Brown	#029 Fl. Yellow Green	#037 Fl. Yellow	#038 Fl. Orange		

*Colours are not a 100% colour match to the actual material. Colour is provided as a reference only. All colour swatches may not be represented.

PRISMATIC FILMS

ORALITE® 6910T

Brilliant Grade Translucent - Class 400

Product Features

Classification: AS/NZS 1906.1 2017 Class 400 (Class 1W)
Face: UV Stabilised Acrylic Film
Durability: Non-Fluoro 12 years, Fluoro 10 years
Digital Printing Ink: 5019, 5019i
Digital Printing Matched Systems: AGFA Anapurna (M2050, M2050i, H2050i, H1650i)
Screen Printing Inks: 5018
Transparent Overlaminate Films: 5061, 5095

Recommended Applications

- Illuminated traffic signs.
- Illuminated boxes or bollards.

Special Note

- High level of diffuser light transmission.
- High reflective performance.
- Weather resistance.
- Fluorescent colours for enhanced daytime visibility.
- Excellent printability.

Product	Colours	Size	Durability
6910T XXX 1235	White, Yellow	1235mm x 50m	12 years
6910T XXX 1235	Fl. Yellow-Green, Fl. Yellow	1235mm x 50m	10 years

#010
White

#020
Yellow

#029
Fl. Yellow Green

#037
Fl. Yellow

*Colours are not a 100% colour match to the actual material. Colour is provided as a reference only. All colour swatches may not be represented.

PRISMATIC FILMS

ORALITE® 5910

High Intensity Prismatic (HIP) Grade - Class 400

Product Features

Classification: AS/NZS 1906.1 2017 Class 400 (Class 1W)
Face: UV Stabilised Acrylic Film
Durability: Non-Fluoro 10 years, Fluoro 10 years
Digital Printing Ink: 5019, 5019i, 5017
Digital Printing Matched Systems: AGFA Anapurna (M2050, M2050i, H2050i, H1650i) OKI M64s ColorPainter
Screen Printing Inks: 5018
Transparent Overlaminate Films: 5061, 5095

Recommended Applications

- Long-term outdoor exposure traffic signs.
- General traffic signs.

Special Note

- High reflective performance.
- Weather resistance.
- Fluorescent colours for enhanced daytime visibility.
- Excellent printability.

Product	Colours	Size	Durability
5910 XXX 1235	White, Yellow, Red, Orange, Blue, Green, Brown	1235mm x 50m	10 years
5910 XXX 1235	Fl. Yellow-Green, Fl. Yellow	1235mm x 50m	10 years

| #010 White | #020 Yellow | #030 Red | #035 Orange | #050 Blue | #060 Green |

| #080 Brown | #029 Fl. Yellow Green | #037 Fl. Yellow |

*Colours are not a 100% colour match to the actual material. Colour is provided as a reference only. All colour swatches may not be represented.

PRISMATIC FILMS

ORALITE® 6710

Engineer Prismatic Grade - Class 100

Product Features

Classification: AS/NZS 1906.1 2017 Class 100 (Class 2)
Face: UV Stabilised Acrylic Film
Durability: Non-Fluoro 7 years
Digital Printing Ink: 5019, 5019i, 5017
Digital Printing Matched Systems: AGFA Anapurna (M2050, M2050i, H2050i, H1650i) OKI M64s ColorPainter
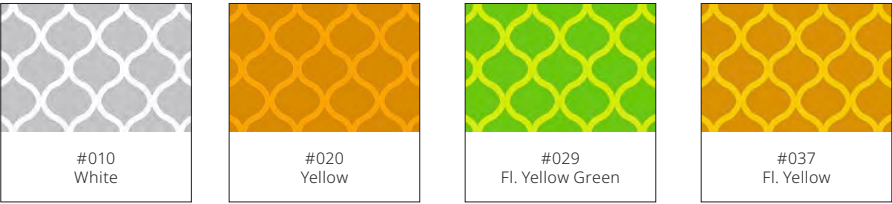**Screen Printing Inks:** 5018
Transparent Overlaminate Films: 5051, 5061, 5095

Recommended Applications

- Long-term outdoor exposure traffic signs.
- General traffic signs.
- Street blades.

Special Note

- High brightness.
- High degree of weather resistance.
- Excellent printability.

Product	Colours	Size	Durability
6710 XXX 1235	White, Yellow, Red, Orange, Blue, Green, Brown	1235mm x 50m	7 years

#010 White	#020 Yellow	#030 Red	#035 Orange	#050 Blue	#060 Green

#080 Brown

*Colours are not a 100% colour match to the actual material. Colour is provided as a reference only. All colour swatches may not be represented.

GLASS BEAD FILMS

ORALITE® 5810

High Intensity Grade - Class 300

Product Features

Classification: AS/NZS 1906.1 2017 Class 300 (Class 1)
Face: High Performance Acrylic Film
Durability: Non-Fluoro 10 years
Digital Printing Ink: 5019, 5019i, 5017
Digital Printing Matched Systems: AGFA Anapurna (M2050, M2050i, H2050i, H1650i) OKI M64s ColorPainter
Screen Printing Inks: 5018
Transparent Overlaminate Films: 5061, 5095

Recommended Applications

- Long-term outdoor exposure traffic signs.
- General traffic signs.
- Street blades.

Special Note

- Encapsulated glass bead construction.
- Weather resistance.
- Excellent printability.

Product	Colours	Size	Durability
5810 XXX 1235	White, Yellow, Red, Orange, Blue, Green, Brown	1235mm x 50m	10 years

#010
White

#020
Yellow

#030
Red

#035
Orange

#050
Blue

#060
Green

#080
Brown

*Colours are not a 100% colour match to the actual material. Colour is provided as a reference only. All colour swatches may not be represented.

GLASS BEAD FILMS

ORALITE® 5700

Engineer Grade Premium - Class 100

Product Features

Classification: AS/NZS 1906.1 2017 Class 100 (Class 2)
Face: Alkyd Resin Surface
Durability: Non-Fluoro 7 years
Digital Printing Ink: 5019, 5019i, 5017
Digital Printing Matched Systems: AGFA Anapurna (M2050, M2050i, H2050i, H1650i) OKI M64s ColorPainter
Screen Printing Inks: 5018
Transparent Overlaminate Films: 5061, 5095

Recommended Applications

- Long-term outdoor exposure traffic signs.
- General traffic signs.

Special Note

- Excellent resistance to corrosion and solvents.
- Weather resistance.
- Excellent adhesion to metallic surfaces.
- Excellent printability.

Product	Colours	Size	Durability
5700 XXX 1235	White, Yellow, Red, Orange, Blue, Green, Brown, Black	1235mm x 50m	7 years

#010 White	#020 Yellow	#030 Red	#035 Orange	#050 Blue	#060 Green
#080 Brown	#070 Black				

*Colours are not a 100% colour match to the actual material. Colour is provided as a reference only. All colour swatches may not be represented.

GLASS BEAD FILMS

ORALITE® 5500

Engineer Grade - Class 100

Product Features

Classification: AS/NZS 1906.1 2017 Class 100 (Class 2)
Face: Alkyd Resin Surface
Durability: Non-Fluoro 7 years
Digital Printing Ink: 5019, 5019i, 5017
Digital Printing Matched Systems: AGFA Anapurna (M2050, M2050i, H2050i, H1650i) OKI M64s ColorPainter
Screen Printing Inks: 5018
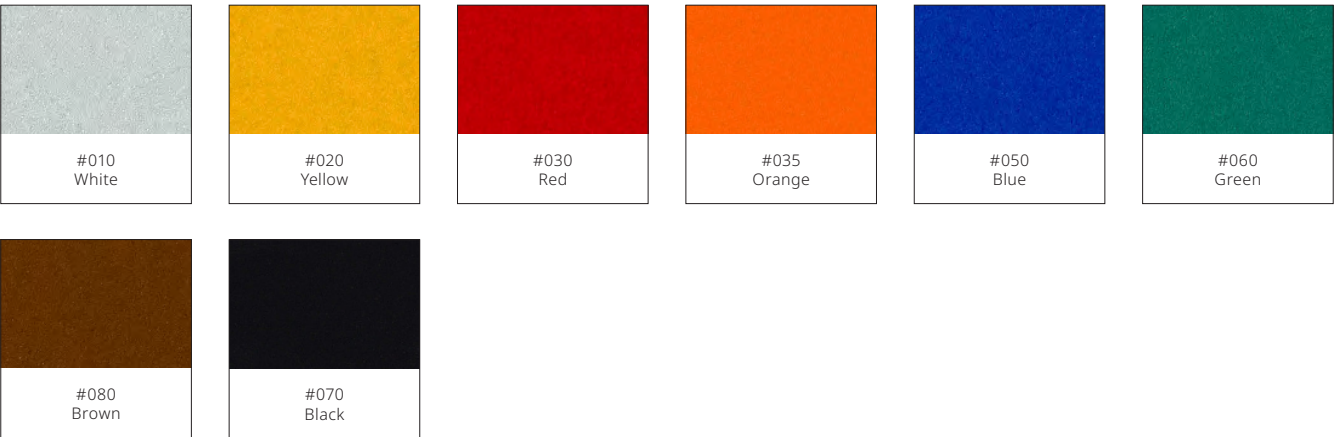**Transparent Overlaminate Films:** 5061, 5095

Recommended Applications

• Long-term outdoor exposure traffic signs.
• Warning and information signs.

Special Note

• Excellent resistance to corrosion and solvents.
• Weather resistance.

Product	Colours	Size	Durability
5500 XXX 1235	White, Yellow, Red, Orange, Blue, Green, Brown, Black	1235mm x 50m	7 years

#010 White	#020 Yellow	#030 Red	#035 Orange	#050 Blue	#060 Green
#080 Brown	#070 Black				

*Colours are not a 100% colour match to the actual material. Colour is provided as a reference only. All colour swatches may not be represented.

GLASS BEAD FILMS

ORALITE® 5400
Commercial Grade - Class 100

Product Features

Classification: AS/NZS 1906.1 2017 Class 100 (Class 2)
Face: Cast PVC film
Durability: Non-Fluoro 4 years
Digital Printing Ink: 5019, 5019i, 5017
Digital Printing Matched Systems: AGFA Anapurna (M2050, M2050i, H2050i, H1650i) OKI M64s ColorPainter, Eco solvent, UV, or Latex.
Screen Printing Inks: 5018
Transparent Overlaminate Films: 5051

Recommended Applications

- Medium-term outdoor exposure traffic signs.
- Direction, information and advertising signs.

Special Note

- High resistance to corrosion and solvents.
- Good adaptability to uneven surfaces.

Product	Colours	Size	Durability
5400 XXX 1235	White, Yellow, Red, Orange, Blue, Green	1235mm x 50m	4 years

#010 White	#020 Yellow	#030 Red	#035 Orange	#050 Blue	#060 Green

*Colours are not a 100% colour match to the actual material. Colour is provided as a reference only. All colour swatches may not be represented.

Temporary Signs and Work Zones

PRISMATIC FILMS

ORALITE® 5960

High Intensity Prismatic (HIP) Construction Grade - Class 400T

Product Features

Classification: AS/NZS 1906.1 2017 Class 400T (Class 1W)(WZ)
Face: UV Stabilised Acrylic Film
Durability: Non-Fluoro 5 years, Fluoro 5 years / 3 years
Digital Printing Ink: 5019, 5019i, 5017
Digital Printing Matched Systems: AGFA Anapurna (M2050, M2050i, H2050i, H1650i) OKI M64s ColorPainter
Screen Printing Inks: 5018
Transparent Overlaminate Films: 5051

Recommended Applications
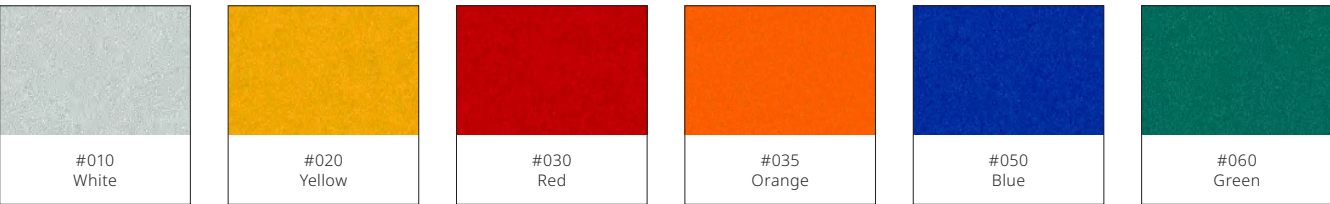
- Temporary signs and work zones.
- Guidance and warning signs.

Special Note

- Excellent resistance to corrosion and solvents.
- Excellent printability.
- Fluorescent colours for enhanced daytime visibility.

Product	Colours	Size	Durability
5960 XXX 1235	White, Yellow, Red, Orange, Blue, Green, Brown	1235mm x 50m	5 years
5960 038 1235	Fl. Orange	1235mm x 50m	3 years
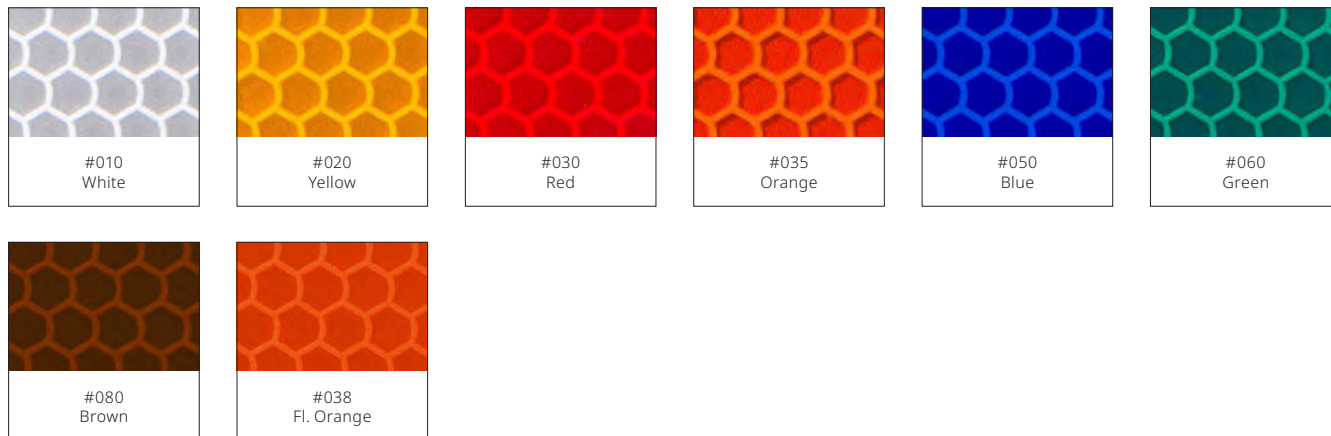
#010
White

#020
Yellow

#030
Red

#035
Orange

#050
Blue

#060
Green

#080
Brown

#038
Fl. Orange

*Colours are not a 100% colour match to the actual material. Colour is provided as a reference only. All colour swatches may not be represented.

PRISMATIC FILMS

ORALITE® 5930

Prismatic Construction Grade - Class 400T

Product Features

Classification: AS/NZS 1906.1 2017 Class 400T (Class 1W)(WZ)
Face: UV Stablilised PVC Top Film
Durability: Non-Fluoro 5 years, Fluoro 5 years / 3 years
Digital Printing Ink: 5019, 5019i, 5017
Digital Printing Matched Systems: AGFA Anapurna (M2050, M2050i, H2050i, H1650i) OKI M64s ColorPainter
Screen Printing Inks: 5018
**Transparent Overlaminate Films:** 5051

Recommended Applications

- Excellent adhesion to polyolefinic substrates.
- Guidance and warning signs.
- Temporary signs and work zones.

Special Note

- Resistance to corrosion and solvents.
- Solvent polyacrylate, permanent, aggressive tack.
- Fluorescent colours for enhanced daytime visibility.

Product	Colours	Size	Durability
5930 XXX 1235	White, Yellow, Red, Orange	1235mm x 50m	5 years
5930 XXX 1235	Fl. Yellow-Green, Fl. Yellow	1235mm x 50m	5 years
5930 038 1235	Fl. Orange	1235mm x 50m	3 years

#010
White

#020
Yellow

#030
Red

#035
Orange

#037
Fl. Yellow

#038
Fl. Orange

#029
Fl. Yellow Green

*Colours are not a 100% colour match to the actual material. Colour is provided as a reference only. All colour swatches may not be represented.

PRISMATIC FILMS

ORALITE® 5946

Banner Material - Class 400T

Product Features

Classification: AS/NZS 1906.1 2017 Class 400T (Class 1W)(WZ)
Face: UV Stablilised PVC Top Film
Durability: Non-Fluoro 5 years, Fluoro 5 years / 3 years
Digital Printing Ink: 5019, 5019i, 5017
Digital Printing Matched Systems: AGFA Anapurna (M2050, M2050i, H2050i, H1650i) OKI M64s ColorPainter
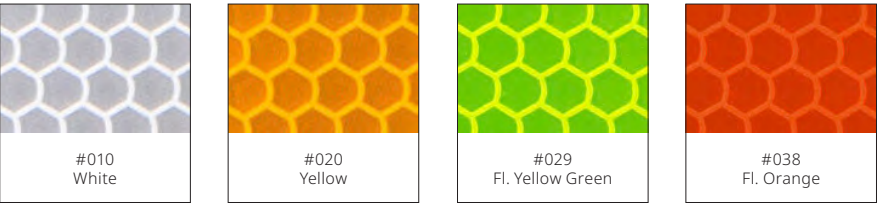**Screen Printing Inks:** 5018

Recommended Applications

- Banner material designed for short to medium-term outdoor applications.
- Roll up signs.

Special Note

- Highly flexible banner material.
- High frequency weldable or sewable.
- Fluorescent colours for enhanced daytime visibility.

Product	Colours	Size	Durability
5946 XXX 1235	White, Yellow	1235mm x 25m	5 years
5946 029 1235	Fl. Yellow-Green	1235mm x 25m	5 years
5946 038 1235	Fl. Orange	1235mm x 25m	3 years

#010
White

#020
Yellow

#029
Fl. Yellow Green

#038
Fl. Orange

*Colours are not a 100% colour match to the actual material. Colour is provided as a reference only. All colour swatches may not be represented.

PRISMATIC FILMS

ORALITE® 5931M
Prismatic Construction Grade - Class 300

Product Features

Classification: AS/NZS 1906.1 2017 Class 300 (Class 1)
Face: UV Stablilised PVC Top Film
**Durability:** Non-Fluoro 5 years, Fluoro 5 years / 3 years

Recommended Applications
- Short to medium-term outdoor exposure traffic signs.
- Barricades and guiding elements.

Special Note
- Highly reflective prismatic film, preprinted.
- Excellent adhesion to polyolefinic substrates.
- PVC construction consists of metalised microprisms.
- Single layer construction with no risk of dirt ingress at the edges.
- Custom slit rolls available on request.
- .

Product	Colours	Size	Durability
5931M 010-030 1235	White/Red	1235mm x 50m	5 years
5931M 010-070 1235	White/Black	1235mm x 50m	5 years
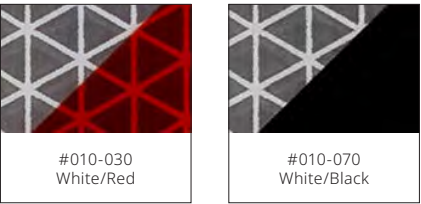
#010-030
White/Red

#010-070
White/Black

*Colours are not a 100% colour match to the actual material. Colour is provided as a reference only. All colour swatches may not be represented.

ROLL UP SIGNS
ORALITE® 2018 / 2056
Prismatic Construction Grade - Class 400T

Product Features

Classification: AS/NZS 1906.1 2017 Class 400T (Class 1W)(WZ)
Face: High Performance Vinyl Film

Recommended Applications
- Temporary traffic signage.
- Work zone traffic signage.
- Emergency service applications.

Special Note
- Highly reflective prismatic film.
- Highly flexible material.
- High performance vinyl film RF welded to a reinforced scrim backing.
- Custom panels made to order.
- Long life fluorescent colours for enhanced daytime visibility.

Product	Colours	Size	Durability
2018 Highbright	White, Yellow, Blue, Red, Fl. Lime, Fl. Pink, Fl. Red, Fl. Green	Made to Order	2 years
2056 Marathon	Fl. Orange	Made to Order	2 years

CONE COLLARS
ORALITE® 2018
Prismatic Construction Grade - Class 400T

Product Features

Classification: AS/NZS 1906.1 2017 Class 400T (Class 1W)(WZ)
Face: High Performance Vinyl Film

Recommended Applications
- Temporary cone reflective applications.
- Work zone cone reflective applications.

Special Note
- Highly reflective wide angle performance.
- Solvent resistant.
- Slip on design with material that can be easily wiped clean.
- Custom collars made to order for a variety of cone sizes.
- Highly durable and impact resistant.

Product	Colours	Size	Durability
2018 Highbright	White	450mm Cone - 150mm Collar	2 years
2018 Highbright	White	700mm Cone - 250mm Collar	2 years
2018 Highbright	White	900mm Cone - 250mm Collar	2 years

#015
White

*Colours are not a 100% colour match to the actual material. Colour is provided as a reference only. All colour swatches may not be represented.

Accessories for Sign Making

ORALITE® 5081
Lettering Film

Product Features
Classification: AS/NZS 1906.1 2017
Face: Cast PVC Film
Durability: 10 years

Recommended Applications
- Recommended use on: 9910, 6910, 5910, 5810 and 5960 materials.

Special Note
- Gloss and matte with watermark.

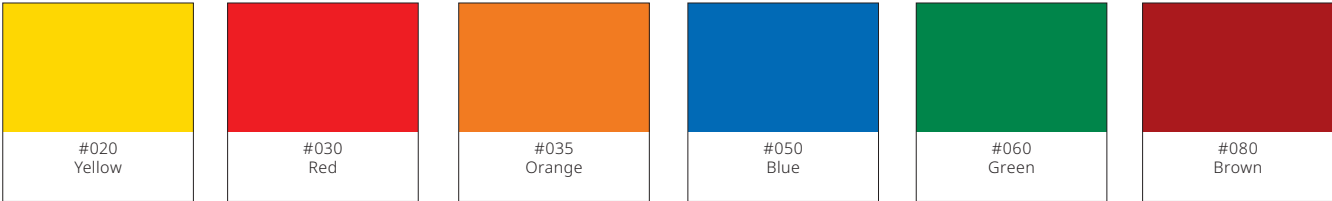| Product	Colours	Size	Durability
5081 070 1220	Black	1220mm x 50m	10 years

ORALITE® 5061
Transparent Film

Product Features
Classification: AS/NZS 1906.1 2017
Face: PMMA High-Performance Film
Durability: 12 years

Special Note
- Available in clear transparent and coloured transparent.
- Transparent gloss finish.
- Solvent polyacrylate, permanent adhesive.

Recommended Applications
- Recommended use on: 9910, 6910, 5910, 5810 materials.

Product	Colours	Size	Durability
5061 XXX 1235	Clear	1235mm x 50m	12 years
5061 XXX 1235	Yellow, Red, Orange, Blue, Green, Brown	1235mm x 50m	12 years

#020 Yellow	#030 Red	#035 Orange	#050 Blue	#060 Green	#080 Brown

*Colours are not a 100% colour match to the actual material. Colour is provided as a reference only. All colour swatches may not be represented.

ACCESSORIES FOR SIGN MAKING

ORALITE® 5051
Transparent Film

Product Features

Classification: AS/NZS 1906.1 2017
**Face:** Cast PVC Film
Durability: 7 years

Special Note

- Available in clear transparent and coloured transparent.
- Transparent gloss finish.
- Solvent polyacrylate, permanent adhesive.

Recommended Applications

- Recommended for use on: 5960, 5700, 5650RA, 5600RA, 5600, 5500, 5400, VC612 materials.

Product	Colours	Size	Durability
5051 000 1235	Clear	1235mm x 50m	7 years
5051 XXX 1235	Yellow, Red, Blue	1235mm x 50m	7 years

#020 Yellow	#050 Blue	#030 Red
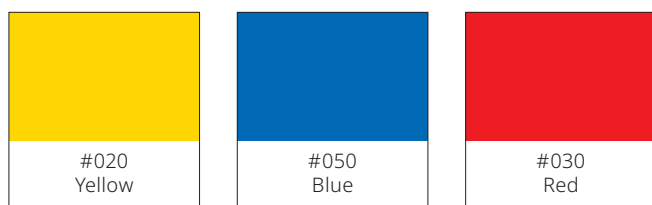
ORALITE® 5095
Anti-Graffiti Film

Product Features

Classification: AS/NZS 1906.1 2017
Face: Fluoropolymeric Film
Durability: 10 years

Special Note

- Transparent.
- Solvent polyacrylate, permanent adhesive.

Recommended Applications

- Recommended for use on: 9910, 6910, 5910, 5810 materials.
- Anti-graffiti film for protecting printed and non-printed surfaces against graffiti vandalism.

Product	Colours	Size	Durability
5095 000 1235	Clear	1235mm x 50m	10 years

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INKS

ORALITE® 5018 / 5019i
Screen Printing and Digital Printing Inks

Product Features

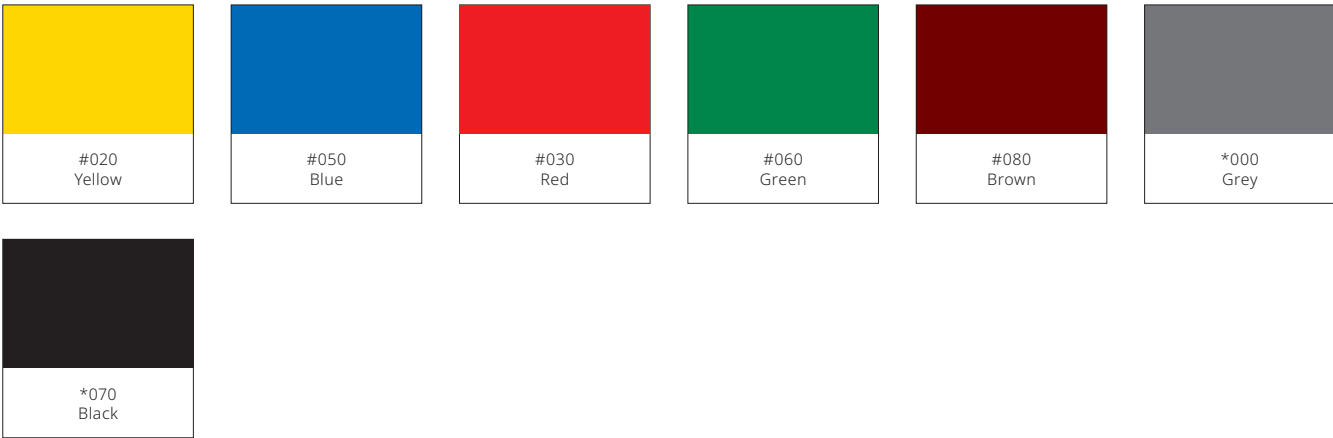**Classification:** AS/NZS 1906.1 2017

Recommended Applications

- Recommended for use either as: screen printing or Agfa Anapurna UV digital traffic sign printer.
- Screen printing - 7 standard traffic colours.
- UV digital printing - 6 spot colours.

Special Note

- Screen printing - one compound screen printing ink, suitable for printing on all ORALITE reflective films.
- 5019i - digital printing ink, for use with the UV traffic sign printers, on all ORALITE HIP reflective grade films.

Product	Colours	Size	Durability
5018 XXX 5L	Yellow, Blue, Red, Green, Brown, Grey, Black (Opaque)	5 Ltr	Screen Printing Ink
5019i XXX 750	Yellow, Blue, Red, Green, Brown, Black (Opaque)	750 ml	UV Digital Printing Ink

#020 Yellow	#050 Blue	#030 Red	#060 Green	#080 Brown	*000 Grey

*070 Black

ORALITE® LT5000
Protective Cover Film

Product Features

Classification: AS/NZS 1906.1 2017

Recommended Applications

- LT5000 - Recommended for use as a protective covering on any traffic signs.

Special Note

- Transparent, polyethylene based application tape with fine pocked finish.

Product	Colours	Size	Durability
LT5000	Protective Cover Film for Traffic Signs	1250mm x 100m	Application Tape

*Colours are not a 100% colour match to the actual material. Colour is provided as a reference only. All colour swatches may not be represented.

UV Traffic Printers

Engineered to Save Lives™

UV TRAFFIC PRINTERS
ORALITE® UV TRAFFIC SIGN PRINTER
Digital Printing Systems

ORALITE®

H1650i LED:
ORALITE® UV
Traffic Sign Printer

H1650i LED Express:
ORALITE® UV
Traffic Sign Printer
Express

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

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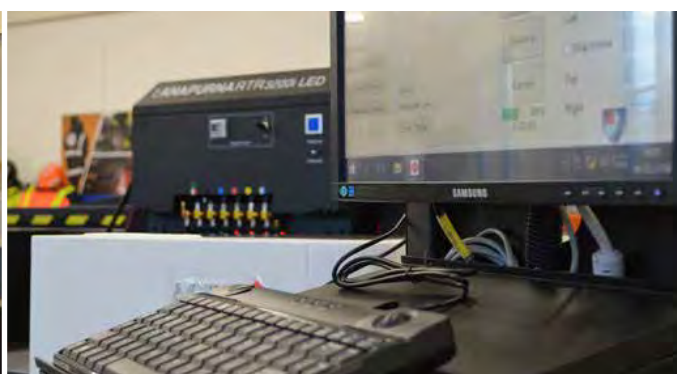Traffic Sign Printer
Premium Plus

Optimised solution 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 solution consists of the ORALITE® UV Traffic Sign Printer based on one of four AGFA UV printers: Anapurna H1650i LED, Anapurna H1650i LED Express, Anapurna H 2050i LED and Anapurna RTR 3200i LED. All four printers are approved for printing CE certified permanent signs, using the ORALITE® 5019i UV digital printing inks.

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 LED solutions:
· Lower energy consumption
· constant UV output over the operating life
· Lower service and consumable costs
· Fast drying of ink

	H1650i LED	H1650i LED Express	H 2050i LED*	RTR 3200i LED
Material working capabilities				
Media width	165 cm	165 cm	207 cm	320 cm
Print width	165 cm	165 cm	205 cm	320 cm
Borderless printing up to a media width of	160 cm	160 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
Rigid table option (rear and front)	1/1 (optional till 3.2 m)	1/1 (optional till 3.2 m)	2/2 (till 3.2 m)	Roll to roll only
Media weight: Rigids - up to 10 Kg/m²	+	+	+	(-)
Media weight: (RTR)	up to 50 kg	up to 50 kg	up to 50 Kg	100 Kg
Media diameter (RTR)	up to 36 cm	up to 36 cm	up to 36 cm	up to 36 cm
Productivity				
ORALITE® Traffic sign print mode	14.5 m²/h	22 m²/h	18.5 m²/h	23 m²/h
ORAJET® graphic mode	28 m²/h	28 m²/h	34 m²/h	39 m²/h
Print Head and Inks				
6 Konica-Minolta KM 1024i heads: 1024i nozzles/head, 12 pl (colours)	+	(-)	+	+
6 Konica-Minolta KM 1024i heads: 1024i nozzles/head, 30 pl (colours)	(-)	+	(-)	(-)
2 Konica-Minolta KM 1024i heads: 1024i nozzles/head, white or black (on request) 30 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	1020	1020	1800	3500
Dimensions (w x h x d) in metres	3,910 x 1,660 x 1,470	3,910 x 1,660 x 1,470	4,500 x 1,600 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 4.0. 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 1 Gbit	+	+	+	+
USB 3.0 sockets for quick and easy data-transfer	+	+	+	+
Pneumatic roll-holding-system	(optional)	(optional)	+	+
Maximum roll length (in metres)	50	50	50	2 x @75 (150)
Surveilled ink-stock capacity (in litre)	4	4	4	4
Media length monitoring	+	+	+	+
Step & repeat functionality at printer interface (vertical and horizontal)	+	+	+	+
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, without heat-up phase and 80% less energy consumption	10,000 h	10,000 h	10,000 h	10,000 h
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	+	+	+	+
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	+	+	+	+
ORAFOL Service Hotline	+	+	+	+

* Also available with old curing technology UV. Product code here is M2050i.

UV TRAFFIC PRINTERS

TRAFFIC SIGN PRINTER APP

Digital Printing Systems

App for AGFA 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 ORAFOL App for mobile devices (iOS)!

ECO Traffic Printers

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

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

UV TRAFFIC PRINTERS

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-odour
· Optimised Print - On - Demand production

Traffic Control

HOODS LAGOON
FOLLOW 70 AHEAD

🚚 / 🚗
STOPPING BAY
←

PREPARE TO STOP

DO NOT OVERTAKE

EXIT 31

M6
LOGAN MWY
TOLL ROAD
Ipswich
Toowoomba

M1
PACIFIC MWY
Brisbane
✈

ONLY   ONLY

Vehicle Conspicuity

Engineered to Save Lives™

VEHICLE LIVERY

ORALITE® VC612

Flexibright Prismatic Flexible Livery Film - Class 400

Product Features

Classification: AS/NZS 1906.1 2017 Class 400 (Class 1)
Face: UV Stablilised Polymeric Film
Durability: Non-Fluoro 5 years, Fluoro 3 years
Transparent Overlaminate Films: 5051

Recommended Applications

- Fleet and emergency service vehicles.
- User friendly applications.

Special Note

- Single layer PVC construction with potential single piece removability.
- Very high brightness, prismatic reflective performance.
- Highly flexible and engineered to conform to demands of all different vehicle shapes.
- Enables excellent performace through power washes.
- Easy to cut.
- No edge sealing required.

Product	Colours	Size	Durability
VC612 XXX 1235	White, Yellow, Red, Blue, Green	1235mm x 50m	5 years
VC612 XXX 1235	Fl. Lime, Fl. Yellow, Fl. Orange, Fl. Red-Orange	1235mm x 50m	3 years
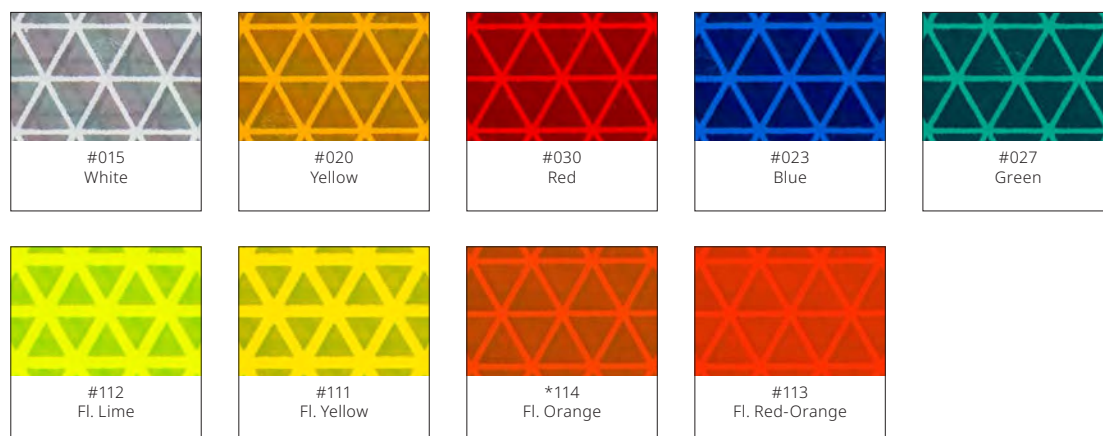
#015 White	#020 Yellow	#030 Red	#023 Blue	#027 Green
#112 Fl. Lime	#111 Fl. Yellow	*114 Fl. Orange	#113 Fl. Red-Orange	

*Colours are not a 100% colour match to the actual material. Colour is provided as a reference only. All colour swatches may not be represented.

VEHICLE LIVERY

ORALITE® 6900

Brilliant Grade Premium - Class 400

Product Features

Classification: AS/NZS 1906.1 2017 Class 400 (Class 1W)
Face: UV Stabilised Acrylic Film
Durability: Non-Fluoro 12 years, Fluoro 10 years / 3 years
Digital Printing Ink: 5019, 5019i, 5017
Digital Printing Matched Systems: AGFA Anapurna (M2050, M2050i, H2050i, H1650i) OKI M64s ColorPainter
Screen Printing Inks: 5018
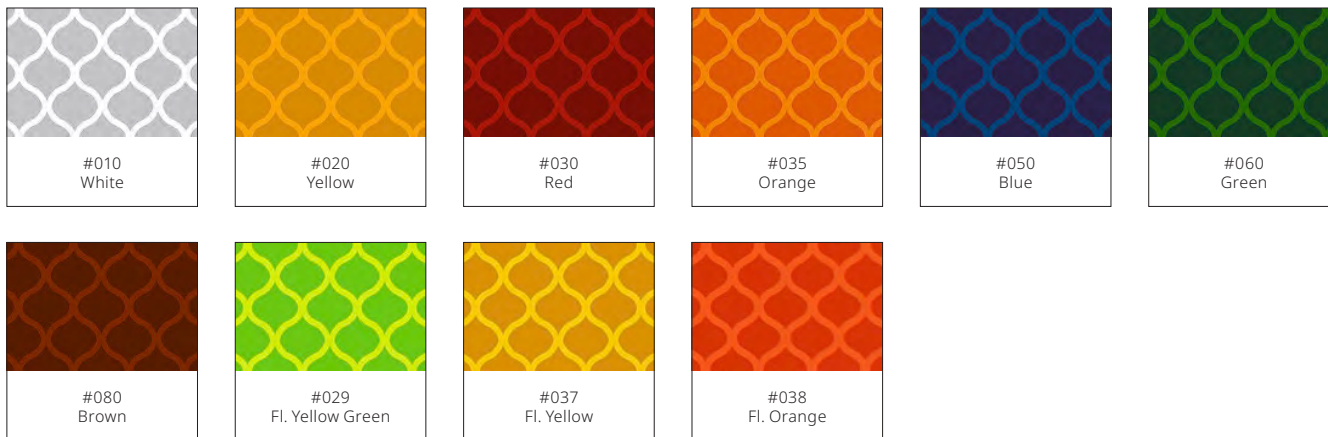**Transparent Overlaminate Films:** 5061, 5095

Recommended Applications

- Prismatic airbacked reflective film designed for high visibility livery applications on emergency service or fleet vehicles.

Special Note

- High reflective performance.
- Weather resistance .
- Fluorescent colours for enhanced daytime visibility.
- Excellent printability.

Product	Colours	Size	Durability
6900 XXX 1235	White, Yellow, Red, Orange, Blue, Green, Brown	1235mm x 50m	12 years
6900 XXX 1235	Fl. Yellow-Green, Fl. Yellow	1235mm x 50m	10 years
6900 038 1235	Fl. Orange	1235mm x 50m	3 years

#010 White	#020 Yellow	#030 Red	#035 Orange	#050 Blue	#060 Green

#080 Brown	#029 Fl. Yellow Green	#037 Fl. Yellow	#038 Fl. Orange

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VEHICLE LIVERY

ORALITE® 5600RA
Fleet Engineering Grade - Class 100

Product Features

Classification: AS/NZS 1906.1 2017 Class 100 (Class 2)
Face: Cast PVC Film
Durability: 7 years
Digital Printing Systems: Compatible with popular Latex, Solvent, Eco-Solvent & UV Curable Printers
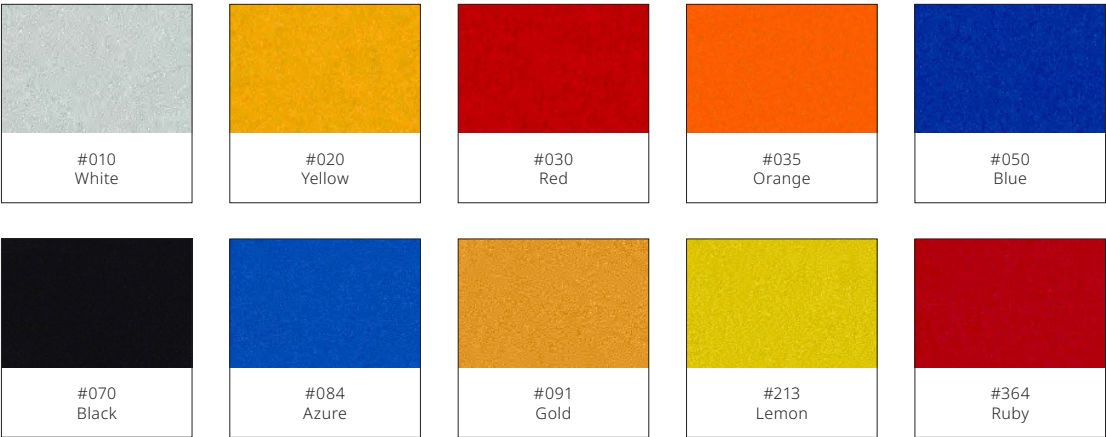**Transparent Overlaminate Films:** 5051

Recommended Applications
- Fleet and emergency service vehicles.
- User friendly applications.

Special Note
- Glass bead reflective performance.
- High degree of flexibility.
- Excellent removability, easy to remove from painted surfaces (using heat).
- Excellent printability. Easy to use on plotters.
- Easy to apply, with good adaptability for uneven surfaces.
- Adhesive with *Rapid*Air® for easy application.

Product	Colours	Size	Durability
5600RA XXX 1235	White, Yellow, Red, Orange, Blue, Green, Black, Azure, Gold, Lemon, Ruby	1235mm x 50m	7 years

#010 White	#020 Yellow	#030 Red	#035 Orange	#050 Blue	#060 Green
#070 Black	#084 Azure	#091 Gold	#213 Lemon	#364 Ruby	

*Colours are not a 100% colour match to the actual material. Colour is provided as a reference only. All colour swatches may not be represented.

VEHICLE LIVERY

ORALITE® 5650RA

Fleet Engineering Grade - Class 100

Product Features

Classification: AS/NZS 1906.1 2017 Class 100 (Class 2)
Face: Cast PVC Film
Durability: 7 years
Digital Printing Systems: Compatible with popular Latex, Solvent, Eco-Solvent & UV Curable Printers
Transparent Overlaminate Films: 5051

Recommended Applications

• Fleet and emergency service vehicles.
• User friendly applications.

Special Note

• Glass bead reflective performance.
• High degree of flexibility.
• Easy to remove from painted surfaces (using heat).
• Excellent printability. Easy to use on plotters.
• Easy to apply, with good adaptability for uneven surfaces.
• Adhesive with *Rapid*Air® for easy application.

Product	Colours	Size	Durability
5650RA XXX 1235	White, Yellow, Red, Orange, Blue, Green, Black, Azure, Gold, Lemon, Ruby	1235mm x 50m	7 years

#010 White	#020 Yellow	#030 Red	#035 Orange	#050 Blue
#070 Black	#084 Azure	#091 Gold	#213 Lemon	#364 Ruby

*Colours are not a 100% colour match to the actual material. Colour is provided as a reference only. All colour swatches may not be represented.

Trucks and Trailer Markings

ORALITE®

TRUCK AND TRAILER LIVERY

ORALITE® VC104+ Rigid Grade

For HGVs with Rigid Sides - Class ECE 104 Class C

Product Features
Classification: ECE 104 Class C
Face: UV Stablilised Polymeric Film
Durability: 10 years

Recommended Applications
- Truck and Trailers - Rigid Sides.
- User friendly applications.

Special Note
- Single layer PVC construction with potential single piece removability.
- Very high brightness, prismatic reflective performance.
- Highly flexible and engineered to conform to demands of all different vehicle shapes.
- Enables excellent performace through power washes.
- Easy to cut, apply and handle.
- No edge sealing required.

Product	Colours	Size	Durability
VC104+ XXX 050	White, Yellow, Red	50mm x 50m	10 years

ORALITE® VC104+ Rigid Grade Imagine
For HGVs with Rigid Sides - Class ECE 104 Class C

Product Features
Classification: ECE 104 Class C
Face: UV Stablilised Polymeric Film
Durability: 10 years
**Imagine:** Customised with your own Logo repeated along the tape

Recommended Applications
- Truck and Trailers - Rigid Sides with logo.
- User friendly applications.

Special Note
- Single layer PVC construction with potential single piece removability.
- Very high brightness, prismatic reflective performance.
- Highly flexible and engineered to conform to demands of all different vehicle shapes.
- Enables excellent performace through power washes.
- No edge sealing required.
- Easy to cut, apply and handle.

Product	Colours	Size	Durability
VC104+ XX XXXX	White, Yellow, Red	50mm x 50m	10 years
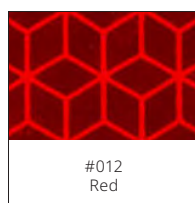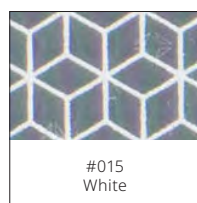
#015
White

#018
Yellow

#012
Red

*Colours are not a 100% colour match to the actual material. Colour is provided as a reference only. All colour swatches may not be represented.

TRUCK AND TRAILER LIVERY

ORALITE® VC104+ Tanker Stickers

Easy to peel Pre-Cut Stickers, especially suitable for Rear Markings on Tankers - Class ECE 104 Class C

Product Features

Classification: ECE 104 Class C
Face: UV Stablilised Polymeric Film
Durability: 10 years

Recommended Applications

- Truck and Trailers - rear markings on tankers.
- User friendly applications.

Special Note

- Pre-cut in 90.mm or 160mm labels for easy application.
- Very high brightness, prismatic reflective performance.
- Highly flexible and ideal solution for circular applications.
- Enables excellent performace through power washes.
- Easy to cut, apply and handle.
- No edge sealing required.

Product	Colours	Size	Durability
VC104+ XXX 050	White, Yellow, Red	50mm x 50m (pre-cut into 90mm labels) (pre-cut into 160mm labels)	10 years

ORALITE® VC104+
Curtain Grade Segmented Imagine

Segmented Approved Marking Tape for Curtain Surfaces - Class ECE 104 Class C

Product Features

Classification: ECE 104 Class C
Face: UV Stablilised Polymeric Film
Durability: 3 years

Recommended Applications

- Truck and Trailers - curtain surfaces.
- User friendly applications.

Special Note

- The tape flexes and stretches with the curtain.
- Very high brightness, prismatic reflective performance.
- Unique vinyl construction for great flexibility.
- Enables excellent performace through power washes.
- Supplied on a continuous roll as pre-cut labels each 48mm x 50mm (with 6mm spacing between).
- No edge sealing required, easy to cut.

Product	Colours	Size	Durability
VC104+ CS XXX 050	White, Yellow, Red	50mm x 50m (pre-cut into 48mm labels	3 years

#015 White	#018 Yellow	#012 Red

*Colours are not a 100% colour match to the actual material. Colour is provided as a reference only. All colour swatches may not be represented.

TRUCK AND TRAILER LIVERY

ORALITE® VC310

Prismatic Reflective Livery Film for Extreme Brightness - Class 400

Product Features

Classification: AS/NZS 1906.1 2017 Class 400 (Class 1A)
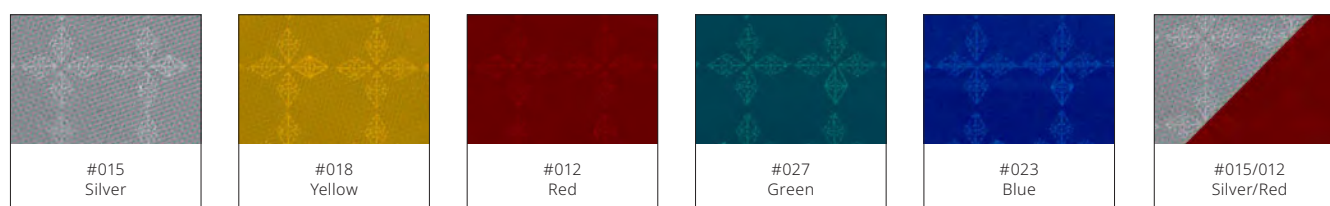**Face:** UV Stablilised Polymeric Film
Durability: 7 years

Recommended Applications

- Truck and Trailers.
- User friendly applications.

Special Note

- Single layer PVC construction with potential single piece removability.
- Highest long distance visibility with excellent brightness, prismatic reflective performance.
- Highly flexible and engineered to conform to demands of all different vehicle shapes.
- Enables excellent performace through power washes.
- No edge sealing required, easy to cut.
- Formerly know as D82.

Product	Colours	Size	Durability
VC310 XXX 775	Silver, Yellow, Red, Green, Blue	775mm x 45.7m	7 years
VC310 XXX 775	Silver / Red	775mm x 45.7m	7 years

#015 Silver	#018 Yellow	#012 Red	#027 Green	#023 Blue	#015/012 Silver/Red

ORALITE® DOT-C2

Prismatic Reflective Livery Film for Extreme Brightness - Class 400

Product Features

Classification: AS/NZS 1906.1 2017 Class 400 (Class 1A)
Face: UV Stablilised Polymeric Film
Durability: 7 years

Recommended Applications

- Truck and Trailers.
- User friendly applications.

Special Note

- Single layer PVC construction with potential single piece removability.
- Highest long distance visibility with excellent brightness, prismatic reflective performance.
- Highly flexible and engineered to conform to demands of all different vehicle shapes.
- Enables excellent performace through power washes.
- No edge sealing required, easy to cut.
- Formerly know as D82.

Product	Colours	Size	Durability
DOT-C2 XXX 775	Red/Silver Block	775mm x 45.7m	7 years

#012/015 Red/Silver

*Colours are not a 100% colour match to the actual material. Colour is provided as a reference only. All colour swatches may not be represented.
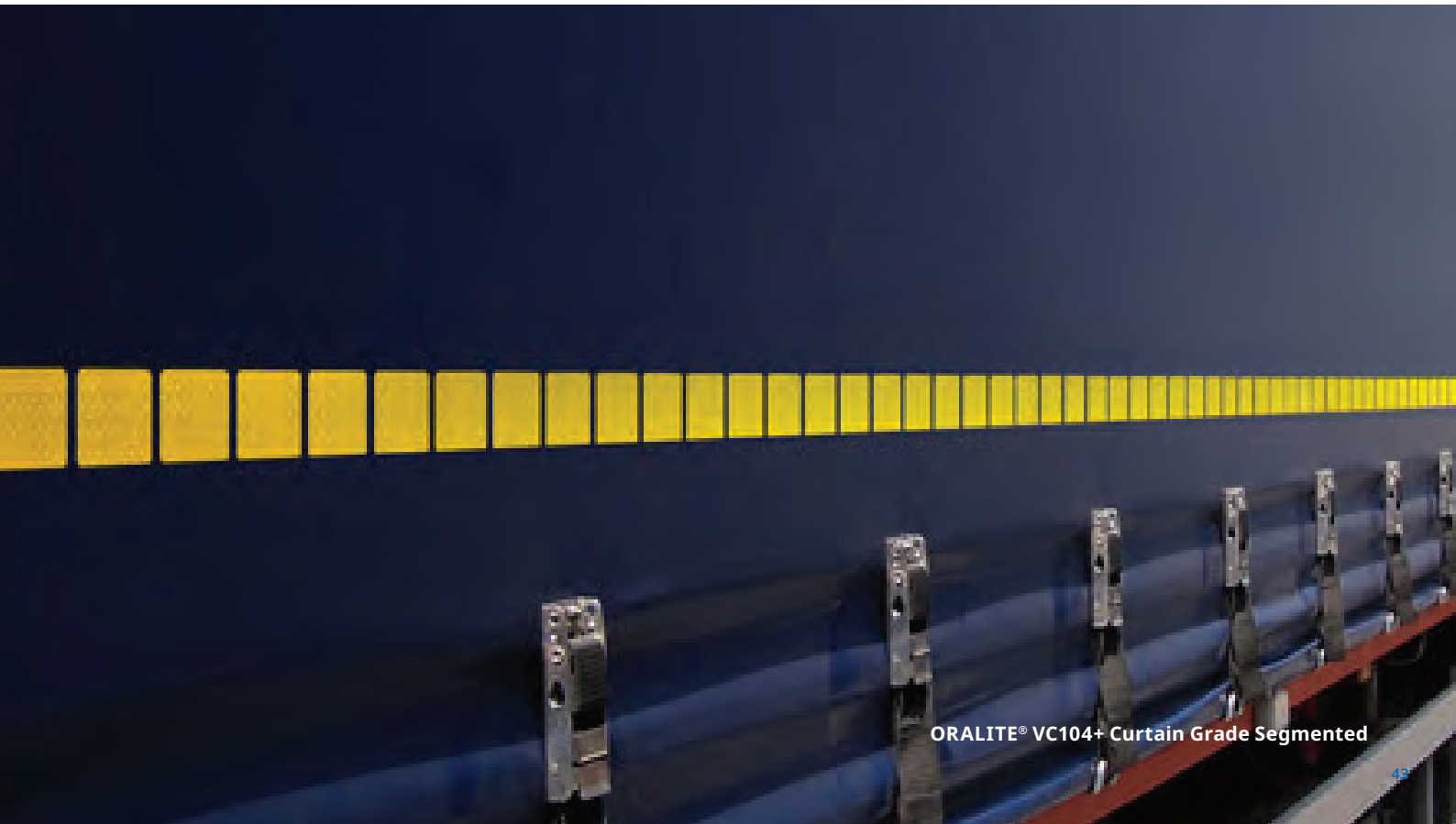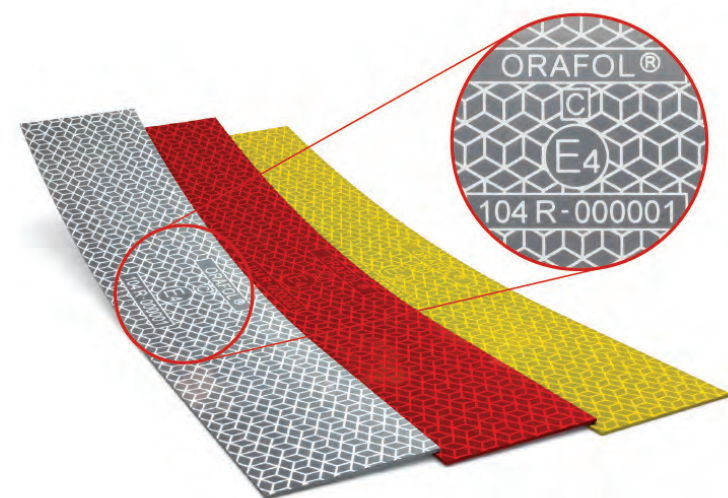
Vehicle Conspicuity

ORALITE® 5600RA

ORALITE® VC104+ Tanker Stickers

ORALITE® VC104+ Curtain Grade Segmented

ORALITE® VC310

ORALITE® 6900

ORALITE® VC104+ Rigid Grade Image

ORALITE® VC104+ Rigid Grade

ORALITE® VC104+ Curtain Grade Segmented

Personal Safety

Engineered to Save Lives™

GLASS BEAD

ORALITE® GP020
Glass Bead - Sew-on Tape

Product Features

Classification: AS/NZS 1906.4 Class R
Material Backing: Polyester/Cotton
Wash Temperature: 60°C
Wash: Domestic

Special Note
- Domestic wash according to ISO 6330:2012, method 6N.
- Dry cleaning possible.
- Sew-on application.
- Reflects as white.

Recommended Applications
- Economy tape, ideal for common washable high visibility garments.

Product	Colours	Size	Wash Cycles
GP020A 050x100 GB	Silver	50mm x 100m	50

#000
Silver

ORALITE® GP030
Glass Bead Flame Retardant- Sew-on Tape

Product Features

Classification: AS/NZS 1906.4 Class R, AS/NZS 4967,
AS/NZS 4824, and Arc
Material Backing: FR Cotton
Wash Temperature: 60°C
Wash: Domestic

Recommended Applications
- Economy tape, ideal for common washable flame retardant high
  visibility garments are required.
- Flame retardant applications.
- Domestic wash according to ISO 6330:2012, method 6N.

Special Note
- Dry cleaning possible.
- Sew-on application.
- Reflects as white.

Product	Colours	Size	Wash Cycles
GP020A 050x100 GB	Silver	50mm x 100m	50

#000
Silver

*Colours are not a 100% colour match to the actual material. Colour is provided as a reference only. All colour swatches may not be represented.

GLASS BEAD

ORALITE® GP090
Glass Bead Industrial Wash - Sew-on Tape

Product Features

Classification: AS/NZS 1906.4 Class R
Material Backing: Polyester/Cotton
Wash Temperature* : 80 Cycles at 60°C, 50 Cycles at 75°C +
Tumble dry at 90°C or Tunnel dry at 155°C
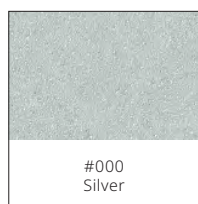**Wash:** Industrial

Recommended Applications

- Standard industrial wash tape, ideal for common washable high visibility garments.
- Industrial wash according to ISO 15797:2002, method 8.

Special Note

- Dry cleaning possible.
- Sew-on application.
- Reflects as white.

Product	Colours	Size	Wash Cycles
GP090 025x100 IW	Silver	25mm x 100m	50 *
GP090 050x100 IW	Silver	50mm x 100m	50 *

#000
Silver

ORALITE® GP095
Glass Bead Flame Retardant Industrial Wash - Sew-on Tape

Product Features

Classification: AS/NZS 1906.4 Class R, AS/NZS 4967, AS/NZS 4824, and Arc
Material Backing: 100% Aramid Fabric
Wash Temperature* : 80 Cycles at 60°C, 50 Cycles at 75°C +
Tumble dry at 90°C or Tunnel dry at 155°C
Wash: Industrial

Recommended Applications

- Standard industrial wash flame retardant tape, ideal for common industrial washable high visibility flame retardant garments are required.
- Industrial wash according to ISO 15797:2002, method 8 and 2.
- Flame retardant applications.

Special Note

- Dry cleaning possible.
- Sew-on application.
- Reflects as white.

Product	Colours	Size	Wash Cycles
GP095 025x50	Silver	25mm x 50m	50 *
GP095 050x50FR	Silver	50mm x 50m	50 *

#000
Silver

*Colours are not a 100% colour match to the actual material. Colour is provided as a reference only. All colour swatches may not be represented.

GLASS BEAD

ORALITE® FTP 300

Glass Bead Flame Retardant 'Triple Trim' - Sew-on Tape

Product Features

Classification: AS/NZS 1906.4 Class R, AS/NZS 4967, AS/NZS 4824, and Arc
Material Backing: Cotton
Wash Temperature: 40 Cycles at 60°C
Wash: Domestic

Recommended Applications

- Standard flame retardant 'triple trim' tape, ideal for common washable high visibility flame retardant garments are required.
- Domestic wash according to ISO 6330:2012, method 6N.
- Flame retardant applications.

Special Note

- Dry cleaning possible.
- Sew-on application.
- Reflects as white in the central strip.

Product	Colours	Size	Wash Cycles
FTP 300 Triple Trim	Fl. Lime and Silver Central Strip	50mm x 100m	40

#020
Fl. Lime/Silver

PRISMATIC

ORALITE® GP801

Prismatic Metalised Tape - High Visibility Emergency Service Garments

Product Features

Classification: AS/NZS 1906.4 Class R
Material Backing: Textile backing for sew-on
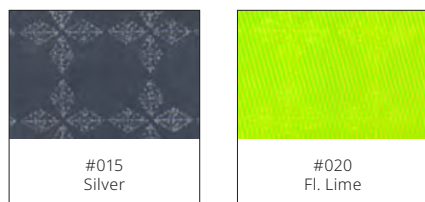**Wash Temperature:** 60°C
Wash: Domestic

Recommended Applications

- Emergency service applications.
- Highest performance microprismatic tape.
- Domestic wash according to ISO 6330:2000, method 2A.

Special Note

- Sew-on application.
- Subsurface printed compliant checker.
- Superior long distance visibility and durable performance.
- Excellent performance in all weather conditions, works when wet.
- Slim and flexible to move with jacket.
- Polices badges available on request.

Product	Colours	Size	Wash Cycles
GP801 XXXX	Silver, Silver/Blue Checker, Silver/Red Checker, Silver/Green Checker	50mm x 50m	100

#255
Silver/Blue

#257
Silver/Green

#266
Silver/Red

*Colours are not a 100% colour match to the actual material. Colour is provided as a reference only. All colour swatches may not be represented.

PRISMATIC

ORALITE® GP440

Prismatic Metalised Tape - High Visibility Garments

Product Features

Classification: AS/NZS 1906.4 Class R
Material Backing: Textile backing for sew-on
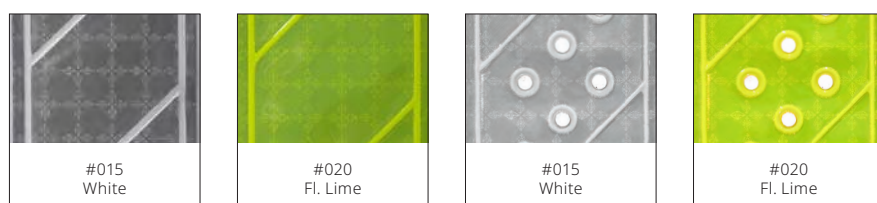**Wash Temperature:** 60°C
Wash: Domestic

Recommended Applications

- Highest performance microprismatic tape.
- Domestic wash according to ISO 6330:2000, method 2A.

Special Note

- Sew-on application.
- Superior long distance visibility and durable performance.
- Excellent performance in all weather conditions, works when wet.
- Slim and flexible to move with jacket.
- Other widths available on request.

Product	Colours	Size	Wash Cycles
GP440 XXX 050	Silver, Fl. Lime	50mm x 50m	100

#015 Silver	#020 Fl. Lime

ORALITE® AU300 / GP110 Breathable

Prismatic Air Backed Tape - High Visibility Garments

Product Features

Classification: AS/NZS 1906.4 Class R
Material Backing: Sew-on
Wash Temperature: 65°C
Wash: Domestic

Recommended Applications

- Highest performance microprismatic tape.
- Domestic wash according to ISO 6330:2000, method 2A.

Special Note

- Sew-on application.
- Superior long distance visibility and durable performance.
- Excellent performance in all weather conditions, works when wet.
- Fluorescent colours available.
- Breathable version with perforations.

Product	Colours	Size	Wash Cycles
AU300 XXX 050	White, Fl. Lime	50mm x 50m	50
GP110 050x60 XXX	White, Fl. Lime	50mm x 60m	50

#015 White	#020 Fl. Lime	#015 White	#020 Fl. Lime

*Colours are not a 100% colour match to the actual material. Colour is provided as a reference only. All colour swatches may not be represented.

PRISMATIC

ORALITE® GP340

Prismatic Air Backed Tape - High Visibility Garments

Product Features

Classification: Classification: AS/NZS 1906.4 Class R
Material Backing: Sew-on
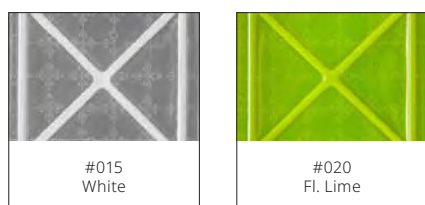**Wash Temperature:** 65°C
Wash: Domestic

Special Note

- Sew-on application.
- Superior long distance visibility and durable performance.
- Excellent performance in all weather conditions, works when wet.
- Fluorescent colours available.

Recommended Applications

- Highest performance microprismatic tape.
- Domestic wash according to ISO 6330:2000, method 6N.

Product	Colours	Size	Wash Cycles
GP340 XXX 050	White, Fl. Lime	50mm x 50m	50

#015
White

#020
Fl. Lime

ORALITE® AU350

Prismatic Air Backed Tape - High Visibility Garments

Product Features

Classification: AS/NZS 1906.4 Class R
Material Backing: Sew-on
Wash Temperature: 65°C
Wash: Domestic

Special Note

- Sew-on application.
- Superior long distance visibility and durable performance.
- Excellent performance in all weather conditions, works when wet.
- Arco red colour.

Recommended Applications

- Highest performance microprismatic tape.
- Domestic wash according to ISO 6330:2000, method 6N.

Product	Colours	Size	Wash Cycles
AU350 030 050	Arco Red	50mm x 50m	50

#030
Arco Red

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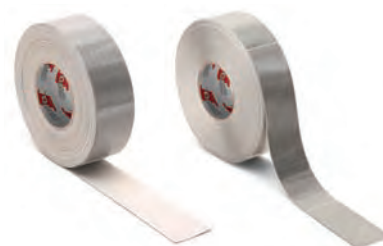
Marine

For the maritime and offshore industries ORAFOL offers 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

Prismatic Metalised SOLAS Approved Tape - High Visibility Marine Applications

Product Features

Classification: SOLAS / IMO
Material Backing: Polyester top film fabric-backed or pressure sensitive adhesive
Wash: Domestic

Recommended Applications
- Highest performance microprismatic tape.
- Compliance with SOLAS/IMO requirements.
- Sew-on and adhesive applications such as life jackets, inflatable lifeboats and heavy duty marine rainwear.

Special Note
- Superior long distance visibility and durable performance.
- Excellent performance in all weather conditions, especially in the wet.
- Will survive continuous immersion in sea water and freezing temperatures.
- Kiss cut patches available.

Product	Colours	Size	Immersion
FD1403 SOLAS PSA 50	Silver	50mm x 45.7m	Type 1 - 750 hours, Type 2 - 1500 hours
FD1403 SOLAS KFB 50	Silver	50mm x 45.7m	Type 1 - 750 hours, Type 2 - 1500 hours
FD1404 FLX SOLAS 50	Silver	50mm x 45.7m	Type 1 - 750 hours

*Colours are not a 100% colour match to the actual material. Colour is provided as a reference only. All colour swatches may not be represented.

Personal Safety

ORALITE® GP095

ORALITE® GP340

ORALITE® AU300

POLICE

POLICE

ORALITE® GP801

Mining and Construction

Engineered to Save Lives™

MINING AND CONSTRUCTION

ORALITE® Mine Hanging Streamers and Droppers

Prismatic Delineator - Class 300T

Product Features

Classification: AS/NZS 1906.1 2017 Class 300T (Class 1)
Face: High Performance Vinyl Film

Recommended Applications

- Underground mining applications.
- Double sided high visibility reflective delineator.

Special Note

- Highly reflective prismatic film.
- Highly flexible material.
- Reinforced and non-reinforced.
- Custom lengths.
- Weighted.
- Attach with ease: eyelets, magnets and press studs.

Product	Colours	Size	Durability
Mine Hanging Streamers & Droppers (Non-reinforced)	White, Yellow, Blue, Red, Fl. Lime, Fl. Pink, Fl. Red, Fl. Green, Fl. Orange	Made to Order	2 Years
Mine Hanging Streamers & Droppers (Non-reinforced with plastic insert)	White, Yellow, Blue, Red, Fl. Lime, Fl. Pink, Fl. Red, Fl. Green, Fl. Orange	Made to Order	2 Years
Mine Hanging Streamers & Droppers (Reinforced)	White, Yellow, Blue, Red, Fl. Lime, Fl. Pink, Fl. Red, Fl. Green, Fl. Orange	Made to Order	2 Years

*Colours are not a 100% colour match to the actual material. Colour is provided as a reference only. All colour swatches may not be represented.

MINING AND CONSTRUCTION

ORALITE® Cable Patches and Tags

Prismatic Delineator - Class 300T

Product Features

Classification: AS/NZS 1906.1 2017 Class 300T (Class 1)
Face: High Performance Vinyl Film
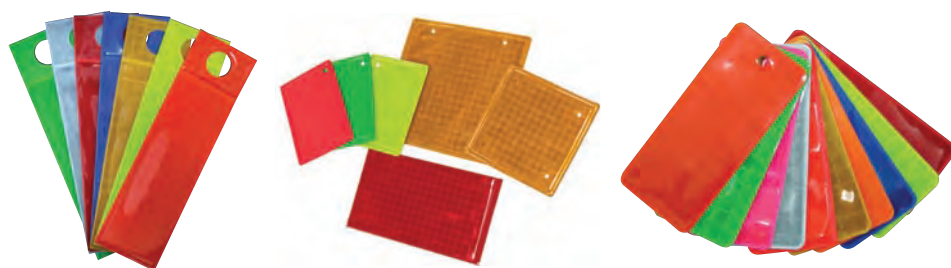
Recommended Applications

- Cable tie rope mining and construction applications.
- Double sided high visibility reflective delineator.

Special Note

- Highly reflective prismatic film.
- Highly flexible material.
- Reflects colour.
- Wet performance.
- Long life fluorescent colours for enhanced daytime visibility.

Product	Colours	Size	Durability
Cable Patches	White, Yellow, Blue, Red, Fl. Lime, Fl. Pink, Fl. Red, Fl. Green, Fl. Orange	Made to Order	2 Years
Tags (Non-reinforced)	White, Yellow, Blue, Red, Fl. Lime, Fl. Pink, Fl. Red, Fl. Green, Fl. Orange	Made to Order	2 Years

ORALITE® Helmet Stickers

Prismatic Metalised and Air Backed Helemt Stickers - Class 300T

Product Features

Classification: AS/NZS 1906.1 2017 Class 300T (Class 1)
Face: UV Stablilised Polymeric Film and Metalised Prismatic

Recommended Applications

- Hard hat construction applications.

Special Note

- Highly reflective prismatic film.
- Highly flexible material.
- Long distance visibility.
- Wet performance.

Product	Colours	Size	Durability
HP Airbacked HS AB XX	White, Fl. Lime, Fl. Red	25mm x 100mm (16 in a Sheet)	2 Years
Channeliser Helmet Stickers HS CHAN XXX XXX	White	25mm x 230mm Straight, 25mm x 220mm Curved	3 Years
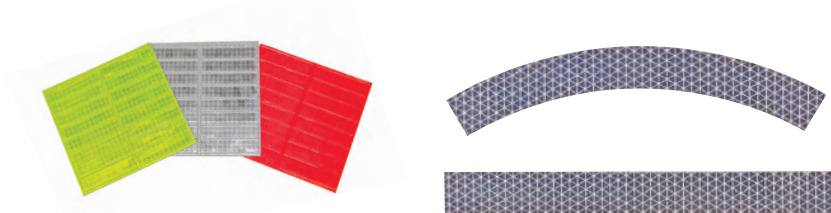
*Colours are not a 100% colour match to the actual material. Colour is provided as a reference only. All colour swatches may not be represented.

MINING AND CONSTRUCTION

ORALITE® Coloured Cone Collars
Prismatic Construction Grade - Class 300T

Product Features

Classification: AS/NZS 1906.1 2017 Class 300T (Class 1)
Face: High Performance Vinyl Film

Recommended Applications
- Open cut mining applications.
- Construction work zone cone reflective applications.
- Drill and blast.

Special Note
- Highly reflective wide angle performance.
- Solvent resistant.
- Slip on design with material that can be easily wiped clean.
- Custom collars made to order for a variety of cone sizes and colours.
- Highly durable and impact resistant.

Product	Colours	Size	Durability
2018 CCXXX XXX XXXX	White, Yellow, Blue, Red, Fl. Lime, Fl. Pink, Fl. Red, Fl. Green, Super Bright Orange	Made to Order	2 Years

ORALITE® Picket Pockets
Prismatic Construction Grade - Class 300T

Product Features

Classification: AS/NZS 1906.1 2017 Class 300T (Class 1)
Face: High Performance Vinyl Film

Recommended Applications
- Open cut mining applications.

Special Note
- Highly reflective wide angle performance.
- Solvent resistant.

- Slip on design with material that can be easily wiped clean.
- High performance vinyl film RF welded to a reinforced scrim backing.
- Custom collars made to order for a variety of cone sizes and colours.
- Highly durable and impact resistant.
- Fluorescent colours available for added visibility during the day and in adverse weather conditions.

Product	Colours	Size	Durability
Picket Pockets 2018 Highbright	White, Yellow, Blue, Red, Fl. Lime, Fl. Pink, Fl. Red, Fl. Green, Super Bright Orange	Made to Order	2 Years

*Colours are not a 100% colour match to the actual material. Colour is provided as a reference only. All colour swatches may not be represented.

MINING AND CONSTRUCTION

ORALITE® 2018 / 2051 / 2056

Prismatic Construction Grade - Class 300T & Class 400T

Product Features

Classification: AS/NZS 1906.1 2017 Class 300T & 400T
(Class 1W)(WZ)
Face: High Performance Vinyl Film

Recommended Applications
• Temporary traffic signage.
• Work zone traffic signage.

Special Note
• Highly reflective prismatic film.
• Highly flexible material.
• High performance vinyl film RF welded to a reinforced scrim backing.
• Custom panels made to order.
• long life fluorescent colours for enhanced daytime visibility.

Product	Colours	Size	Durability
Roll Up Signs - 2018 Highbright	White, Yellow, Blue, Red, Fl. Lime, Fl. Pink, Fl. Red, Fl. Green	Made to Order	2 Years
Roll Up Signs - 2051 Superbright	Fl. Orange	Made to Order	2 Years
Roll Up Signs - 2056 Marathon	Fl. Orange	Made to Order	2 Years

ORALITE® 5946

Banner Material - Class 400T

Product Features

Classification: AS/NZS 1906.1 2017 Class 400T (Class 1W)(WZ)
Face: UV Stablilised PVC Top Film
Durability: Non-Fluoro 5 Years, Fluoro 5 Years / 3 Years
Digital Printing Ink: 5019, 5019i, 5017
Digital Printing Matched Systems: AGFA Anapurna (M2050, M2050i, H2050i, H1650i) OKI M64s ColorPainter
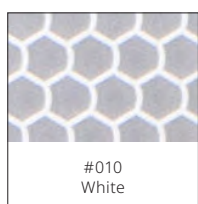**Screen Printing Inks:** 5018

Recommended Applications
• Banner material designed for short to medium-term outdoor applications.
• Roll up signs.

Special Note
• Highly flexible banner material.
• High frequency weldable or sewable.
• Fluorescent colours for enhanced daytime visibility.

Product	Colours	Size	Durability
5946 XXX 1235	White, Yellow	1235mm x 25m	5 Years
5946 029 1235	Fl. Yellow-Green	1235mm x 25m	5 Years
5946 038 1235	Fl. Orange	1235mm x 25m	3 Years

#010 White	#020 Yellow	#029 Fl. Yellow Green	#038 Fl. Orange

*Colours are not a 100% colour match to the actual material. Colour is provided as a reference only. All colour swatches may not be represented.

MINE SPEC VEHICLES

ORALITE® VC612HT
Flexibright Prismatic HT Flexible Livery Film - Class 400

Product Features

Classification: AS/NZS 1906.1 2017 Class 400 (Class 1)
Face: UV Stablilised Polymeric Film
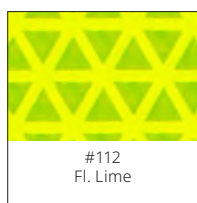**Durability:** Fluoro 3 Years

Recommended Applications
- Mine spec vehicles.
- Construction spec vehicles.

Special Note
- Single layer PVC construction with potential single piece removability.
- Very high brightness, prismatic reflective performance.
- Highly flexible and engineered to conform to demands of all different vehicle shapes.
- High tack adhesive which enables excellent performace through power washes.
- Easy to cut.
- No edge sealing required.

Product	Colours	Size	Durability
VC612HT 112 050G	Fl. Lime	50mm x 50m	3 Years
VC612HT 112 XXXXG	Fl. Lime	Custom Widths	3 Years

#112
Fl. Lime

ORALITE® 6900ES
Brilliant Grade Premium Edge Sealed Tape - Class 400

Product Features

Classification: AS/NZS 1906.1 2017 Class 400 (Class 1W)
Face: UV Stabilised Acrylic Film
Durability: Fluoro 10 Years

Recommended Applications
- Mine spec vehicles.
- Construction spec vehicles.

Special Note
- High reflective performance.
- Weather resistance.
- Fluorescent colours for enhanced daytime visibility.
- Excellent printability.
- Edge sealed tape.

Product	Colours	Size	Durability
6900ES 029 050x50	Fl. Yellow-Green	50mm x 50m	10 Years
6900ES 029 075x50	Fl. Yellow-Green	75mm x 50m	10 Years
6900ES 029 100x50	Fl. Yellow-Green	100mm x 50m	10 Years

#029
Fl. Yellow Green

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Hazard Warning Tapes

Engineered to Save Lives™

HAZARD WARNING TAPES

ORALITE® 5431
Commercial Grade - Class 100

If a lower degree of reflectivity is enough for your marking purposes, the construction grade is the ideal solution.

Product Features

Classification: AS/NZS 1906.1 2017 Class 100 (Class 2)
Face: Alkyd Resin Surface
Durability: Non-Fluoro 4 Years

Special Note
- High resistance to corrosion and solvents.
- Good adaptability to uneven surfaces.
- Left hand & right hand available on request.

Recommended Applications
- Medium-term outdoor exposure hazardous applications.

Product	Colours	Size	Durability
5431 020-070 050	Yellow, Black	50mm x 25m	4 Years
5431 020-070 XXXX	Yellow, Black	Custom Widths	4 Years
5431 010-030 050	Red, White	50mm x 25m	4 Years
5431 010-030 XXXX	Red, White	Custom Widths	4 Years

ORALITE® 5091INDAS
Non-Reflective Anti-Slip Hazard Warning Tape

Product Features

Face: Anti-Slip
Durability: 3 Months

Special Note
- High resistance to corrosion and solvents.
- Good adaptability to uneven surfaces.
- Permanent bonding but removable with the help of heat.
- Has the capability to perform on outdoor surfaces (subject to following all application instructions - test and approval recommended).

Recommended Applications
- Non-reflective tape for short-term floor graphics.
- For indoor application.
- For anti-slip requirements.

Product	Colours	Size	Durability
5091INDAS XXX XXX	Black / Yellow, Red / White	Custom Widths	3 Months

Colour Guide for Hazard Warning Tapes

Black/Yellow:
The black/yellow marking tapes are used for marking of fixed objects. Examples could be sharp edges on fixed production equipment, staircase markings, markings around doors etc.

Red/White:
The red/white marking tapes are used for marking of objects which are movable around the plant. Examples include fork lifts and movable waste containers etc.

*Colours are not a 100% colour match to the actual material. Colour is provided as a reference only. All colour swatches may not be represented.

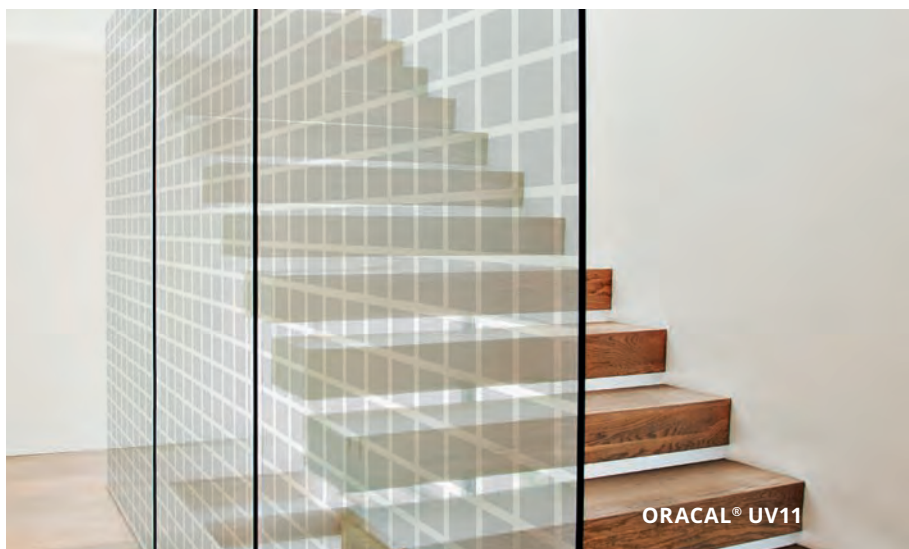# We offer a full range of Graphic products

Engineered to Achieve Perfection™

ORACAL® 551

ORAGUARD® 220HG

ORACAL® UV11

ORACAL® 970RA Premium Shift Effect

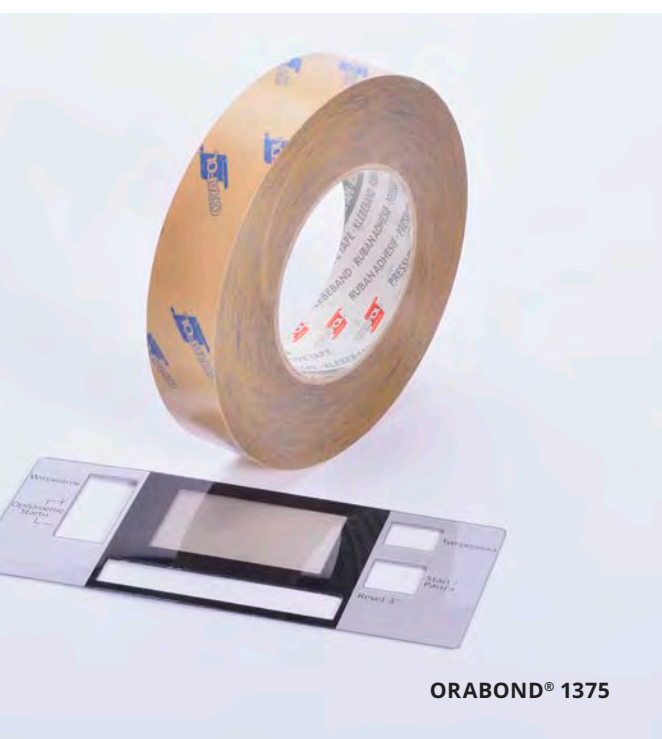ORAJET® 3628

ORACAL® 8710

ORAGUARD® 215

ORACAL® 975

ANTIPºDEA

ORAJET® 3851

ORACAL® 970RA

61

We offer a full range of Adhesive Tape products

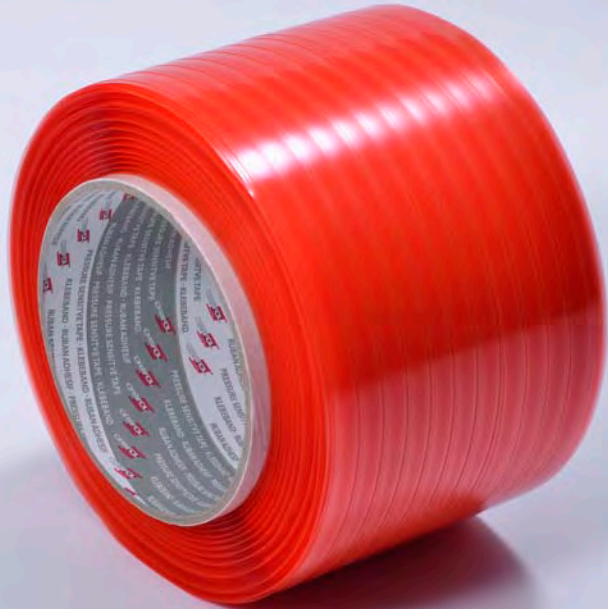Engineered to Perform Better™

ORABOND® 1397PP

ORABOND® UHB031

ORABOND® 1375

ORABOND® 1397PP

ORABOND® 1375S

ORABOND® 1812TM

ORABOND® 1819TM

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ORAFOL
Australia

ROADSIDE
SERVICES AND SOLUTIONS

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