



i tape



MARINE & COMPOSITES INDUSTRY



i tape



MARINE & COMPOSITES INDUSTRY

IPG® features tapes and films designed specifically for the marine and composites industry. IPG offers the features and versatility built around composite manufacturing requirements. Our masking products apply performance-based, scientific expertise and leading-edge manufacturing process knowledge to develop pace-setting tape products that deliver consistent performance.

APPLICATIONS

- Boats
- Wind Turbine Blades
- Truck Caps
- Swimming Pools
- Molded Shower Stalls/Bathtubs
- Surfboards

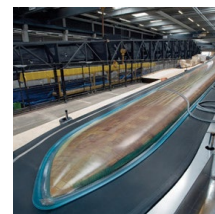


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Our products apply performance-based scientific expertise and leading-edge manufacturing process knowledge to develop pace setting tape products that deliver consistent performance.

6 UV MASKING TAPES

Varying colored masking tapes that specialize in extended UV resistance.



8 SPECIALTY APPLICATIONS

Wide variety of tapes that deliver positive results throughout the entire manufacturing process.



10 GENERAL APPLICATIONS

Products that can be used in the industry for multiple applications including general maintenance.



5 PAPER MASKING TAPES

Through continuous proven performance and consistency, IPG has quality masking tapes that vary in temperature resistance and application usage.



7 MULTI-PURPOSE MASKING

Products that help protect surfaces while painting and help prevent overspray.



9 BONDING SOLUTIONS

IPG offers several solutions for double-coated tape applications such as AFT450G, Y4960, ATA400 and many more!



11 APPLICATION GUIDE

Detailed guide that helps show what products are best suited to specific applications in the marine and composites industry.



INNOVATIVE TECHNOLOGY

Semi-Permanent Release Agents

The solid reputation of IPG® is based on a long and proud history of solution-oriented research and product innovation. The commitment to quality and product development based on marine industry needs sets the standard for the entire industry. IPG maintains performance data for use with most commercially available mold release formulations. Semi-permanent release agents allow boat manufacturers to produce more parts using less labor in addition to providing a substantial time savings. **American® brand Orange Mask® (OM)** was designed to provide such a solution, where it provides excellent adhesion to semi-permanent release agents.

THE SOLUTION: ORANGE MASK®

- Prevented adhesion issues and ultimately reduces production time
- Helped shape manufacturing processes
- Increased efficiency
- Our customers produce better products with higher productivity and increased profitability
- Performs well with a variety of gel coats to include polyester, vinyl, and epoxy

Quality Design, Performance, and Future

Our products are developed to improve the entire manufacturing process. IPG is continually developing novel products to improve efficiency. We provide unsurpassed tape technology which allows us to respond to the ever changing needs of the marine and composites industry, where new product development is critical.

WORLD-CLASS PERFORMANCE

CLEVER DESIGN

INNOVATIVE THINKING

ATTENTION TO DETAIL



PAPER MASKING TAPES

ORANGE MASK® (OM) HIGH TEMP | PREMIUM GRADE

STYLE	BACKING	ADHESIVE	THICKNESS		TENSILE		ADHESION		ELONGATION	TEMP	COLOR
			mil	mm	lb/in	N/25mm	oz/in	N/25mm	%		
ORANGE MASK™ (OM)	Fine Crepe Paper	Natural Rubber/Resin	7.1	0.18	23.0	101.0	27.0	7.4	12	250°F (121°C)	Orange

American® brand Orange Mask® is an innovative high performance masking tape designed specifically for the marine & composites industry

- Highly conformable and flexible
- Tear, moisture and solvent resistant
- UV resistant up to 72 hours
- Clean removal, crisp paint lines
- Controlled unwind, good adhesion to backing when layered

PG21 HIGH TEMP | PREMIUM GRADE

STYLE	BACKING	ADHESIVE	THICKNESS		TENSILE		ADHESION		ELONGATION	TEMP	COLOR
			mil	mm	lb/in	N/25mm	oz/in	N/25mm	%		
PG21	Fine Crepe Paper	Natural Rubber/Resin	7.3	0.185	26.0	114.0	28.0	7.7	10	325°F (163°C)	Beige

For use in open molding paint applications, bottom painting

- Works with a variety of paste wax release agents
- Excellent color separation
- Tear, moisture and solvent resistant
- Excellent adhesion to backing
- Performs well with polyester, vinylester and epoxy resins

PG16 HIGH TEMP | MEDIUM GRADE

STYLE	BACKING	ADHESIVE	THICKNESS		TENSILE		ADHESION		ELONGATION	TEMP	COLOR
			mil	mm	lb/in	N/25mm	oz/in	N/25mm	%		
PG16	Smooth Crepe Paper	Natural Rubber/Resin	6.7	0.17	25.0	109.0	30.0	8.2	8	325°F (163°C)	Beige

For use in multiple industrial paint applications

- Sharp color separation on curves or straight lines
- Clean removal, residue free
- Works well with both paste wax and medium slip release agents
- Excellent quick stick
- Resists bleed through

AQUAMASK® (AM) MEDIUM TEMP | MEDIUM GRADE

STYLE	BACKING	ADHESIVE	THICKNESS		TENSILE		ADHESION		ELONGATION	TEMP	COLOR
			mil	mm	lb/in	N/25mm	oz/in	N/25mm	%		
AQUA MASK™ (AM)	Medium Crepe Paper	Natural Rubber/Resin	6.6	0.17	20.0	87.5	28.0	7.6	12	225°F (107°C)	Aqua

American® brand AquaMask® (AM) is a cost-effective masking tape designed to perform in many demanding industrial paint applications

- Excellent color separation
- Resists paint flaking and wet sanding
- Tear, moisture and solvent resistant
- Waterborne compatible; Clean removal
- Performs with a variety of waxes
- UV resistant up to 3 days

PAPER MASKING TAPES

MP MEDIUM TEMP | MEDIUM GRADE

STYLE	BACKING	ADHESIVE	THICKNESS		TENSILE		ADHESION		ELONGATION	TEMP	COLOR
			mil	mm	lb/in	N/25mm	oz/in	N/25mm	%		
MP	Crepe Paper	Natural Rubber	6.1	0.155	25.0	109.5	33.0	9.0	8	250°F (121°C)	Beige

For use in spray painting primarily aftermarket autos, boats, etc. requiring higher temperature resistance

- Moisture resistant
- UV resistance up to 3 days
- Stain resistant and pressure-sensitive natural rubber adhesive

513 UTILITY GRADE

STYLE	BACKING	ADHESIVE	THICKNESS		TENSILE		ADHESION		ELONGATION	TEMP	COLOR
			mil	mm	lb/in	N/25mm	oz/in	N/25mm	%		
513	Crepe Paper	Natural/Synthetic Rubber	5.0	0.127	19.0	83.2	36.0	9.8	6.4	180°F (82°C)	Beige

- Taping of cuffs and ankles
- Bundling, non-critical masking
- Identification

506 UTILITY GRADE

STYLE	BACKING	ADHESIVE	THICKNESS		TENSILE		ADHESION		ELONGATION	COLOR
			mil	mm	lb/in	N/25mm	oz/in	N/25mm	%	
506	Crepe Paper	Natural/Synthetic Rubber	4.8	0.12	19.0	83.2	31.0	8.5	9	Beige

- Ideal for indoor use
- All-purpose tape designed for light duty, non-critical applications
- Allows for easy removal from temporary repair or holding applications

UV MASKING TAPES

PT14 14 DAY UV RESISTANT | SPECIALTY GRADE

STYLE	BACKING	ADHESIVE	THICKNESS		TENSILE		ADHESION		ELONGATION	TEMP	COLOR
			mil	mm	lb/in	N/25mm	oz/in	N/25mm	%		
PT14	Fine Crepe Paper	Synthetic Rubber	5.5	0.14	23.0	101.0	26.0	7.0	11	160°F (71°C)	Blue

For use in multiple industrial paint applications including use on windows, trim, and walls

- Sharp color separation on curves or straight lines
- Clean removal, residue free
- Works well with both paste wax and medium slip release agents
- Excellent quick stick
- Resists bleed through

PT8 8 DAY UV RESISTANT | SPECIALTY GRADE

STYLE	BACKING	ADHESIVE	THICKNESS		TENSILE		ADHESION		ELONGATION	TEMP	COLOR
			mil	mm	lb/in	N/25mm	oz/in	N/25mm	%		
PT8	Crepe Paper	Synthetic Rubber	5.9	0.15	18.0	79.0	22.0	6.0	11	180°F (82°C)	Light Green

For use in hull, exterior, deck and cabin applications as well as be used on windows, trim, and walls

- Conformable, consistent/easy unwind
- Resistant to humidity and bleed-through
- Clean removal even after exposure to sunlight for 8 days

MULTI-PURPOSE MASKING

HAND MASKING FILM

STYLE	BACKING	ADHESIVE	THICKNESS		TENSILE		ADHESION		ELONGATION	TEMP	COLOR
			mil	mm	lb/in	N/25mm	oz/in	N/25mm	%		
HMF	HDPE Film	-	0.47	12 μ	-	-	-	-	-	-	Clear with Blue Print

- Easy to work with in such a compact size
- Solvent resistant
- Designed to work with multiple hand dispensers
- Durable film resists tearing; requires less tape
- Clings to surface, preventing overspray

FM35 FINELINE MASKING TAPE

STYLE	BACKING	ADHESIVE	THICKNESS		TENSILE		ADHESION		ELONGATION	TEMP	COLOR
			mil	mm	lb/in	N/25mm	oz/in	N/25mm	%		
FM35	PVC	Natural Rubber	5.4	0.14	15.0	65.6	23.0	6.3	150	280°F (138°C)	Light Blue

- Extremely tough yet conformable backing and ultra-high holding power ensure excellent adhesion to the most difficult surfaces
- PVC backing and highly cured adhesive guarantee extra-sharp paint lines without leaving residue
- Solvent-resistant



SPECIALTY APPLICATIONS

POLYETHYLENE TAPES PRESERVATION & SURFACE PROTECTION TAPE

Polyethylene backed tape designed for the marine and composites industry. Clean removal from a variety of gel-coated surfaces.

STYLE	BACKING	ADHESIVE	THICKNESS		TENSILE		ADHESION		ELONGATION	TEMP	COLOR
			mil	mm	lb/in	N/25mm	oz/in	N/25mm	%		
PE8	Polyethylene (PE) film	Synthetic Rubber	9.0	0.23	18.0	79.0	75.0	21.0	-	150°F (65°C)	White
PE8P	Polyethylene (PE) film	Synthetic Rubber	5.5	0.14	25.0	110.0	30.0	8.2	45	45-150°F (7-65°C)	White

- UV resistant
- Conformable
- Waterproof
- Durable
- Clean removal; residue free
- Excellent adhesion to polyethylene and other surfaces

TPP200 FLANGE TAPE

STYLE	BACKING	ADHESIVE	THICKNESS		TENSILE		ADHESION		ELONGATION	TEMP	COLOR
			mil	mm	lb/in	N/25mm	oz/in	N/25mm	%		
TPP200	MOPP	Natural Rubber/Resin	2.6	0.066	90.0	394.0	30.0	8.2	26	200°F (95°C)	White, Blue

- Versatile MOPP for flange masking
- Easy one-piece removal
 - Preserves mold due to one-piece removal
 - Clean removal

RG400 110# BOPP UTILITY GRADE FILAMENT TAPE

STYLE	BACKING	ADHESIVE	THICKNESS		TENSILE		ADHESION		ELONGATION	TEMP	COLOR
			mil	mm	lb/in	N/25mm	oz/in	N/25mm	%		
RG400	BOPP	Synthetic Rubber/Resin	5.0	0.127	110.0	482.0	80.0	21.9	3.5	140°F (60°C)	Clear

- Economic fiberglass reinforced tape for applications requiring outstanding holding power
- Mold maintenance (securing film to molds)
 - Packaging and unitizing applications

FLATBACK TAPES KRAFT PAPER TAPE

Designed for superior performance in a variety of applications. In the marine and composites industry it can be used for general-purpose applications such as taping kraft paper down in order to protect surfaces.

STYLE	BACKING	ADHESIVE	THICKNESS		TENSILE		ADHESION		ELONGATION	TEMP	COLOR
			mil	mm	lb/in	N/25mm	oz/in	N/25mm	%		
530	Flatback	Natural/Synthetic Rubber	7.3	0.18	40.0	175.0	58.0	15.9	7	175°F (79°C)	Brown

- Great for securing kraft paper to floors
- Carton sealing, packaging
- Tapping

BONDING SOLUTIONS

DOUBLE-COATED TAPES

Intended for the purpose of an alternative to traditional screws, nails, glues, and other fasteners, IPG's double-sided tapes are ideal when an aggressive long-term or permanent bonding solution is needed. Thanks to their unique shock absorption and vibration dampening properties, these products are highly coveted within the marine and composites industry.

STYLE	BACKING	ADHESIVE	THICKNESS W/ LINER		THICKNESS W/O LINER		ADHESION TO STEEL		LINER	COLOR
			mil	mm	mils	mm	oz/in	N/25mm		
AFT450G	Acrylic foam	Acrylic	49.8	1.26	45.0	1.14	179.0	49.0	PE Red	White
Y4960	0.5 mil PET	Solvent Acrylic	11.0	0.28	8.0	0.20	63.5	18.0	Red MOPP Film	Clear
ATA400	N/A	Solvent Acrylic - Glass Filled	7.7	0.20	4.0	0.1	87.0	23.8	Densified Kraft Paper	Clear

AFT450G

PREMIUM ACRYLIC FOAM TAPE

- Permanent bond to almost any surface
- Conforms well to curves
- Excellent resistance to solvents and temperature variances

Y4960

SPECIALTY FILM TAPE

- Permanent bond to a variety of surfaces
- For fastening decorative trims (e.g. PVC profile, stainless steel and plastic parts)
- Excellent resistance to plasticizer migration, solvents, chemicals, UV and heat

ATA400

ACRYLIC ADHESIVE TRANSFER TAPE

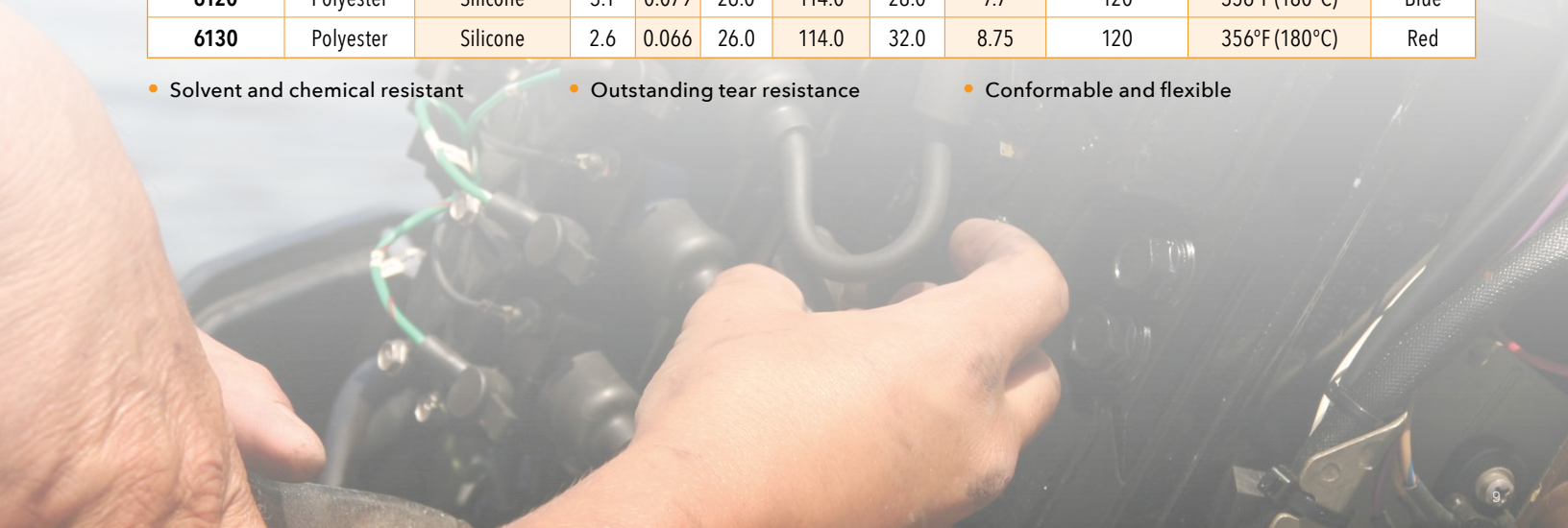
- High tack
- Short term heat resistance up to 250°F
- Resistant to UV light and solvents

HIGH TEMP SILICONE ADHESIVE TAPES

Designed to perform in difficult masking operations that require high temperature. Unique applications include splicing rough surface materials and masking off sensitive areas to protect during high temperature spray operations.

STYLE	BACKING	ADHESIVE	THICKNESS		TENSILE		ADHESION		ELONGATION	TEMP	COLOR
			mil	mm	lb/in	N/25mm	oz/in	N/25mm			
6215	Polyester	Silicone	3.2	0.081	55.0	241.0	40.0	10.9	100	356°F (180°C)	Green
6120	Polyester	Silicone	3.1	0.079	26.0	114.0	28.0	7.7	120	356°F (180°C)	Blue
6130	Polyester	Silicone	2.6	0.066	26.0	114.0	32.0	8.75	120	356°F (180°C)	Red

- Solvent and chemical resistant
- Outstanding tear resistance
- Conformable and flexible



GENERAL APPLICATIONS

AC20 9 MIL UTILITY DUCT TAPE

STYLE	BACKING	ADHESIVE	THICKNESS		TENSILE		ADHESION		ELONGATION	TEMP	COLOR
			mil	mm	lb/in	N/25mm	oz/in	N/25mm	%		
AC20	Polyethylene coated cloth	Natural Rubber	9.0	0.23	18.0	79.2	40.0	11.0	14	160°F (71°C)	Multiple

- Weather proofing
- General maintenance
- Binding and bundling

591 7 MIL PREMIUM FLATBACK PAPER TAPE

STYLE	BACKING	ADHESIVE	THICKNESS		TENSILE		ADHESION		ELONGATION	TEMP	COLOR
			mil	mm	lb/in	N/25mm	oz/in	N/25mm	%		
591	Bleached Flatback	Natural Rubber	7.0	0.19	34.0	149.0	52.0	14.2	3	200°F (93°C)	Natural

A flatback paper product coated with a high shear resistant natural rubber adhesive on both sides

- Mounting on multiple interior surfaces
- Excellent bond to many surfaces
- Mounting of various interior parts such as decorative trim

602 BLACK VINYL ELECTRICAL TAPE

STYLE	BACKING	ADHESIVE	THICKNESS		TENSILE		ADHESION		ELONGATION	TEMP	COLOR
			mil	mm	lb/in	N/25mm	oz/in	N/25mm	%		
602	Polyethylene Vinyl	Rubber	7.0	0.178	17.0	74.0	17.0	4.6	150	176°F (80°C)	Black

High quality vinyl electrical tape for general insulation and bundling of cables

- Excellent adhesion and elongation properties
- UL listed

1727 NON-SLIP TAPE

STYLE	BACKING	ADHESIVE	THICKNESS		TENSILE		ADHESION		ELONGATION	TEMP	COLOR
			mil	mm	lb/in	N/25mm	oz/in	N/25mm	%		
1727	4.0 mil PVC Film	Acrylic	6.3	0.16	15.0	65.7	80.0	21.9	-	140°F (60°C)	Black

Laminated heavy duty kraft paper reinforced with filaments used to protect floors and other surfaces

- Skid and slip resistant
- Outstanding tear resistance
- Non-bleeding, non staining
- Not for use in spray booths

TECHNICAL TIPS

Semi-Permanent Wax

- Orange Mask® (OM)
- PG21

Paste Wax (Multiple Brands)

- Orange Mask® (OM)
- PG21
- PG16
- Aqua Mask® (AM)

General Insulation & Cable Bundling

- 602

Mold Maintenance

- RG400

IN-MOLD MASKING/BOTTOM PAINTING



Orange Mask®
(OM)



PG21



PG16



Aqua Mask®
(AM)



FM35

MULTI-PURPOSE MASKING



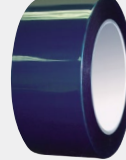
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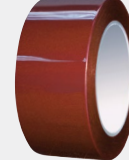
PE8



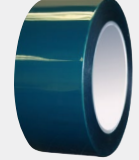
TPP200



6120

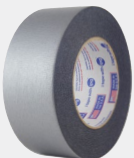


6130



6215

OUTDOOR MASKING



PG20



PT14



PT8

HAND MASKING FILM



HMF



CORPORATE PROFILE

Headquartered in Sarasota, Florida, IPG is a global provider of packaging and protective solutions across a diversified set of geographies and end-markets. The Company develops, manufactures, and sells a variety of solutions including paper and film-based pressure-sensitive and water-activated tapes, stretch and shrink films, protective packaging, woven and non-woven products and packaging machinery.

USA

- | | | |
|---------------------|--------------------|---------------------|
| 1. Ansonia, CT | 9. Carrollton, TX | 15. Menasha, WI |
| 2. Atlanta, GA | 10. Chicago, IL | 16. Midland, NC |
| 3. Bardstow, KY (2) | 11. Corona, CA | 17. Sarasota, FL |
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| 6. Brighton, CO | 13. Everetts, NC | 19. Springfield, OH |
| 7. Carbondale, IL | 14. Marysville, MI | 20. Tremonton, UT |
| 8. Carlstadt, NJ | | |

CANADA

- 21. Cornwall, ON
- 22. Montreal, QC
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- 24. Truro, NS

EU/UK

- 25. Flensburg, Germany
- 26. Porto, Portugal
- 27. Widnes, UK

ASIA

- 28. Chopanki, India
- 29. Daman, India
- 30. Dahej, India
- 31. Jiangmen City, China
- 32. Karoli, India

