

i tape with 

PERFORMANCE SOLUTIONS FOR THE  
**MARINE &  
COMPOSITES  
INDUSTRY**





# Marine and Composites Industry

Performance Masking Tapes and Protective Products

*Intertape Polymer Group® (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.*



Get more info about  
IPG's Marine and  
Composites Industry  
Products

- **Boats**
- **Wind turbine blades**
- **Aerospace parts**
- **Truck caps**
- **Swimming pools**
- **Molded shower stalls/bathtubs**
- **Surfboards**
- **And more!**



# Surrounding Customers with Solutions

## Solutions for Semi-Permanent Release Agents

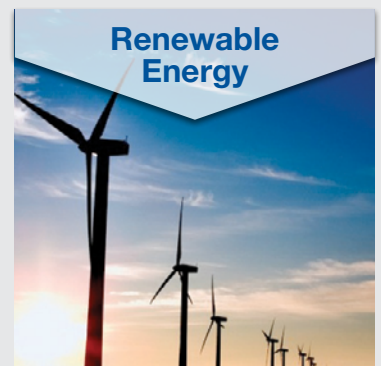
When it comes to masking tape, proven performance is the expectation. Consistency and performance are absolutes. No surprises. The solid reputation of IPG is based on a long and proud history of solution-oriented research and product innovation. The commitment to quality and product development based on marine industry needs sets the standard for the entire industry. IPG maintains performance data for use with most commercially available mold release formulations. American® Orange Mask® is designed to provide a solution, providing excellent adhesion to semi permanent release agents. Orange Mask® has actually helped to shape manufacturing processes. As a result, our customers produce better products with higher productivity and increased profitability. Our products perform exceptionally well with a variety of gel coats to include polyester, vinyl ester and epoxy.

## Solutions for Multiple Applications

Our wide range of chemistries and formulations provide a broad spectrum of process variables and end-use properties. We offer a wide variety of tapes and films to deliver positive results throughout the entire manufacturing process. IPG offers a variety of solutions, ranging from standard general-purpose tapes to high performance tapes for critical masking applications. IPG has a comprehensive offering of tapes and films for multiple composite applications to include Marine, Wind Blades, Recreational Vehicle, Transportation, Cultured Marble and Automotive needs. Our specialty composites products provide superior solutions from start to finish.

## Quality Design, Performance & Future

Our products are developed to improve the entire manufacturing process. Clever design, innovative thinking and attention to detail combine to provide world-class performance. 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.



# Paper Masking Solutions

## PG21

High Temp Premium Paper Masking Tape

### ADVANTAGES

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 Paper Masking Tape

### ADVANTAGES

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 Paper Masking Tape

### ADVANTAGES

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

- Excellent color separation
- Tear, moisture and solvent resistant
- Clean removal
- Performs with a variety of waxes
- UV resistant up to 3 days



## MP

Medium Temp Medium Grade Paper Masking Tape

### ADVANTAGES

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

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



## 513

Utility Paper Masking Tape

### ADVANTAGES

For use in multiple general purpose applications

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



# UV Masking Solutions

## PT20

30 Day UV Resistant Crepe-Backed Masking Tape

ADVANTAGES

- For use on hull, exterior, deck and cabin applications requiring UV resistance up to 30 days
- Clean removal from a variety of surfaces
  - Conformable and flexible



## PT14

14 Day UV Resistant Specialty Paper Masking Tape

ADVANTAGES

- 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

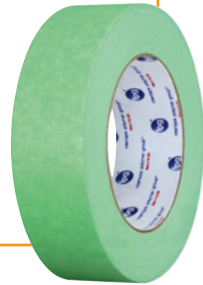


## PT8

8 Day UV Resistant Specialty Paper Masking Tape

ADVANTAGES

- For use in hull, exterior, deck and cabin applications
- Conformable, consistent/easy unwind
  - Resistant to humidity and bleed-through
  - Clean removal even after exposure to sunlight for 8 days



## ORANGE MASK® (OM)

High Temp Premium Paper Masking Tape

ADVANTAGES

- 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



"American® brand Orange Mask® is designed to provide a solution, providing excellent adhesion to semi permanent release agents. Orange Mask® has actually helped to shape manufacturing processes. As a result, customers produce better products with higher productivity and increased profitability."

# Multi-Purpose Masking Solutions

## HAND MASKING FILM

ADVANTAGES

Premium hand masking film designed for the marine and composites industry

- Easy to work with
- Durable film resists tearing; requires less tape
- Film and tape are applied simultaneously
- Solvent resistant
- Clings to surface, preventing overspray
- Designed to work with multiple hand dispensers
- Compact size



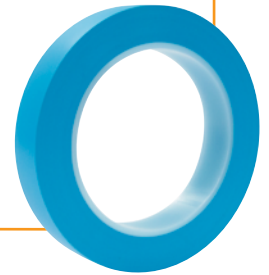
## FM35

*Fineline Masking Tape*

ADVANTAGES

High performance fineline tape designed for the marine and composites industry

- 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



## MASKING PRODUCT GUIDE

Product	Backing	Adhesive	Thickness		Tensile		Adhesion		Elongation	Temp	Color
			mil	mm	lb/in	N/25mm	oz/in	N/25mm	%		
<b>ORANGE MASK® (OM)</b>	Fine Crepe Paper	Natural Rubber	7.1	0.18	23	101	27	7.4	12	250°F (121°C)	Orange
<b>PG21</b>	Fine Crepe Paper	Rubber	7.3	0.185	26	113.8	28	7.7	10	325°F (163°C)	Natural
<b>PG16</b>	Smooth Crepe Paper	Rubber	6.7	0.17	25	109	30	8.2	8.0	325°F (160°C)	Natural
<b>AQUA MASK™ (AM)</b>	Medium Crepe Paper	Natural Rubber	6.6	0.17	20	87.5	28	7.6	12	225°F (107°C)	Aqua (Blue-Green)
<b>MP</b>	Crepe Paper	Natural Rubber	6.1	0.155	25	109.5	33	9	8	250°F (120°C)	Beige
<b>513</b>	Crepe Paper	Natural/Synthetic Rubber	5.0	0.127	19	83.2	36	9.8	6.4	180°F (82°C)	Natural
<b>PG20</b>	Aluminized Black Crepe Paper	Natural Rubber	6.8	0.173	22	96	33	9	8	325°F (163°C)	Silver
<b>PT14</b>	Fine Crepe Paper	Synthetic Rubber	5.5	0.139	23	100	26	7	11	160°F (71°C)	Blue
<b>PT8</b>	Crepe Paper	Synthetic Rubber	5.9	0.15	18	79	22	6	11	180°F (82°C)	Light Green
<b>HMF</b>	HDPE Film	-	0.47	12 μ	-	-	-	-	-	-	Clear w/ Blue Print
<b>FM35</b>	PVC	Rubber	5.4	0.14	15	65.7	23	6.3	110	280°F (138°C)	Light Blue

# Special Applications

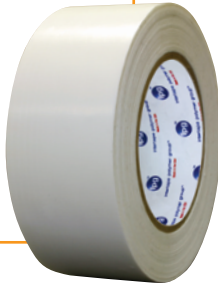
## PE8

### Preservation Tape

#### ADVANTAGES

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

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



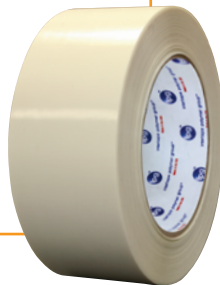
## TPP200

### Flange Tape

#### ADVANTAGES

Versatile MOPP for flange masking

- Easy one-piece removal
- Preserves mold due to one-piece removal
- Clean removal



### Swimming Pools



### Surf Board Molds



### Bathtubs



### Wind Turbine Blades



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# Special Applications

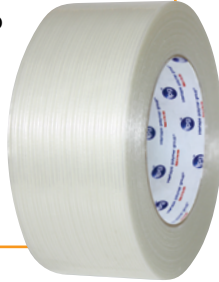
## RG400

100# BOPP Medium Grade Filament Tape

### ADVANTAGES

Economic fiberglass reinforced tape for applications requiring outstanding holding power

- Mold maintenance (securing film to molds)
- Packaging and unitizing applications



## 530

Kraft Utility Paper Flatback Tape

### ADVANTAGES

Multi-purpose flatback

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



## DOUBLE-COATED TAPES

### ADVANTAGES

IPG offers several solutions for double-coated tape requirements!

- DCP053A
- DCP050R
- DCT102A  
*and more!*



## PROTECTIVE PAPER

### ADVANTAGES

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



# Holding Solutions

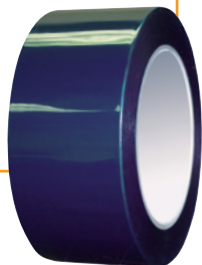
## 6120

High Temp Silicone Adhesive Tape

### ADVANTAGES

Ideal for high temperature powder coat masking and PCB protection during production

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



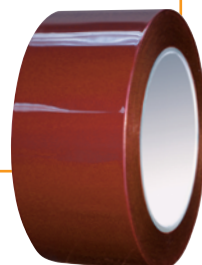
## 6130

High Temp Silicone Adhesive Tape

### ADVANTAGES

Ideal for high temperature powder coat masking and PCB protection during production

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



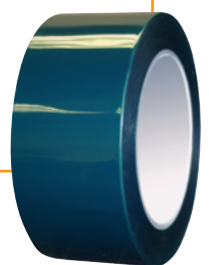
## 6215

High Temp Silicone Adhesive Tape

### ADVANTAGES

Ideal for high temperature powder coat masking and PCB protection during production

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





# General Applications

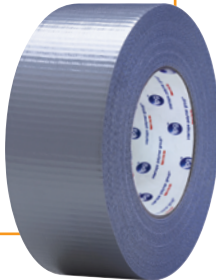
## AC20

9mil Utility Duct Tape

**ADVANTAGES**

Polyethylene coated cloth tape for multiple purpose repair applications

- Weather proofing
- General maintenance
- Binding and bundling



## 591

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

**ADVANTAGES**

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



## 602

Black Vinyl Electrical Tape (7mil)

**ADVANTAGES**

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

- Excellent adhesion and elongation properties
- UL listed



## 1727

Non-Slip Tape

**ADVANTAGES**

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



# Multi-Purpose Solutions

## MULTI-PURPOSE PRODUCT GUIDE





Product	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
TTP200	MOPP	Natural Rubber/ Resin	2.6	0.066	90.0	394.0	30.0	8.2	26	200°F (95°C)	White
815	MOPP	Synthetic Rubber	4.6	0.114	150.0	656.0	116.0	32.2	34	150°F (65°C)	Ivory
RG400	BOPP	Synthetic Rubber/Resin	5.0	0.127	110.0	482.0	80.0	21.9	3.5	140°F (60°C)	Clear
530	Flatback	Natural/ Synthetic Rubber	7.2	0.18	45.0	197.0	60.0	16.4	8	-	Brown
AC20	Polyethylene coated cloth	Natural Rubber	9.0	0.23	18.0	79.2	40.0	11	14	160°F (71°C)	Multiple
602	Vinyl	Rubber	7.0	0.18	17.0	74.0	17.0	4.6	150	176°F (80°C)	Black
1727	4.0 mil PVC Film	Acrylic	6.3	0.16	15.0	65.7	80.0	21.9	-	140°F (60°C)	Black
591	Bleached Flatback	Natural Rubber	7.0	0.19	34.0	149.0	52.0	14.2	3	200°F (93°C)	Natural
6120	Polyester	Silicone	3.0	0.076	22.0	38.5	49.0	5.4	100	425°F (218°C)	Blue
6130	Polyester	Silicone	2.7	0.069	25.0	44.0	45.0	4.9	100	400°F (204°C)	Red
6215	Polyester	Silicone	3.2	0.08	50.0	88.0	35.0	3.8	100	425°F (218°C)	Green
<b>REINFORCED CONSTRUCTION PAPER</b>	Kraft paper with fiberglass filaments	-	6.3		74 MD	24 CMD	-	-	-	-	Natural






## Technical Tips

Semi-Permanent Wax ..... Orange Mask®, PG21  
 Paste Wax (Multiple Brands) ..... Orange Mask®, PG21, PG16, AM




### IN-MOLD MASKING/ BOTTOM PAINTING

<b>Orange Mask</b>		High Temp Premium Paper Masking Tape	<ul style="list-style-type: none"> <li>Highly conformable and flexible; tear, moisture and solvent resistant</li> <li>UV resistant up to 72 hours, clean removal, crisp paint lines</li> <li>Controlled unwind, good adhesion to backing when layered</li> </ul>
<b>PG21</b>		High Temp Premium Paper Masking Tape	<ul style="list-style-type: none"> <li>For use in open molding paint applications, bottom painting</li> <li>Works with a variety of paste wax release agents</li> <li>Excellent color separation; tear, moisture and solvent resistant</li> </ul>
<b>PG16</b>		High Temp Medium Grade Paper Masking Tape	<ul style="list-style-type: none"> <li>For use in multiple industrial paint applications</li> <li>Works well with both paste wax and medium slip release agents</li> <li>Sharp color separation on curves or straight lines</li> </ul>
<b>AM</b>		Medium Temp Medium Grade Paper Masking Tape	<ul style="list-style-type: none"> <li>UV resistant up to 3 days</li> <li>Resists paint flaking &amp; wet sanding</li> <li>Waterborne compatible; clean removal</li> </ul>

### OUTDOOR MASKING

<b>PG20</b>		30 Day UV Resistant Premium Paper Masking Tape	<ul style="list-style-type: none"> <li>Aluminized coating reflects damaging UV effects of the sun and can withstand outdoor exposure for up to one month</li> </ul>
<b>PT14</b>		14 Day UV Resistant Specialty Paper Masking Tape	<ul style="list-style-type: none"> <li>Superior quality blue painter's tape, formulated for use on windows, trim and walls</li> <li>Can withstand direct UV exposure on glass for up to 14 days without leaving residue</li> </ul>
<b>PT8</b>		8 Day UV Resistant Specialty Paper Masking Tape	<ul style="list-style-type: none"> <li>Superior quality green painter's tape, formulated for use on windows, trim and walls</li> <li>Can withstand direct UV exposure on glass for up to 8 days without leaving residue</li> </ul>

### MULTI-PURPOSE MASKING

<b>513</b>		Utility Paper Masking Tape	<ul style="list-style-type: none"> <li>For use in multiple general purpose applications</li> <li>Taping of cuffs and ankles</li> <li>Bundling, non-critical masking, identification</li> </ul>
<b>PE8</b>		Preservation Tape	<ul style="list-style-type: none"> <li>Clean removal from a variety of gel-coated surfaces</li> <li>UV resistant; conformable; waterproof; durable</li> <li>Excellent adhesion to polyethylene and other surfaces; clean removal; residue free</li> </ul>
<b>TPP200</b>		Flange Tape	<ul style="list-style-type: none"> <li>Versatile MOPP for flange masking</li> <li>Preserves mold due to one-piece removal</li> <li>Clean removal</li> </ul>



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### CORPORATE PROFILE

Intertape Polymer Group® Inc. (IPG®) is an acknowledged leader in the packaging industry. Leveraging its advanced manufacturing and technologies, extensive research and development capabilities and a comprehensive strategic acquisition program, the company believes it has assembled the broadest and deepest range of products in the industry. IPG® is widely recognized for its development and manufacture of specialized polyolefin, plastic and paper-based packaging products, as well as complementary packaging systems for industrial and retail use. Additionally, IPG® is a woven and flexible intermediate bulk container (FIBC) manufacturer. Its performance products, including tapes and cloths, are designed for demanding marine and composites, automotive and industrial applications and are sold to a broad range of industry/specialty distributors, retail stores and large end-users in diverse industries.



### CONTACT US FOR MORE INFORMATION:

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