



intertape polymer group®



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

# SURROUNDING CUSTOMERS WITH SOLUTIONS

## MARINE



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



## RECREATIONAL



## AUTOMOTIVE & TRANSPORTATION



# FOR MARINE & COMPOSITES APPLICATIONS

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.

## 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. Anchor® 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 gelcoats 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 were 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.

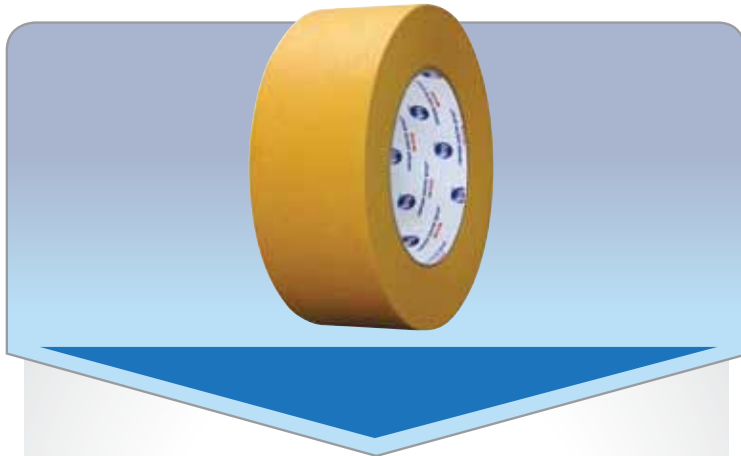
### RENEWABLE ENERGY



### HOUSEHOLD



## PAPER MASKING



### **ORANGE MASK®** High Temp Premium Paper Masking Tape

Anchor® 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



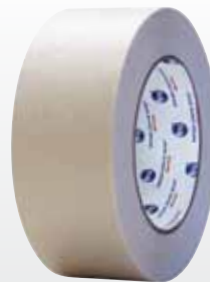
“Anchor® Orange Mask® is designed to provide a solution, providing excellent adhesion to semi permanent release agents. Orange Mask® has actually helped to shape manufacturing processes. As a result, our customers produce better products with higher productivity and increased profitability.”



### **PG21** High Temp Premium Paper Masking Tape

For use in open molding paint applications, bottom painting

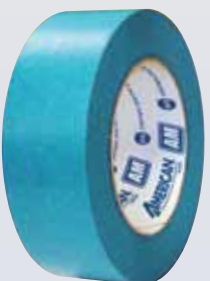
- Works with a variety of paste wax release agents
- Excellent color separation
- Tear, moisture and solvent resistant
- Excellent adhesion to backing
- Performs well with polyester, vinylester and epoxy resins



### **PG16** High Temp Medium Grade Paper Masking Tape

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



### **AM** Medium Temp Medium Grade Paper Masking Tape

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



### **PG12** Medium Temp Masking Tape

For use in open molding, cast polymer, solid surface and multiple industrial paint applications

- Sharp color separation on curves or straight lines
- Resists bleed through
- Moisture and solvent resistant
- Clean removal; residue free
- Removes in one piece without tearing





# MASKING SOLUTIONS

## PAPER MASKING



### **PG505** Utility Paper Masking Tape

For use in multiple general purpose applications

- Taping of cuffs and ankles
- Temporary labeling
- Bundling, non-critical masking



### **PG415** Utility Paper Masking Tape

For use in multiple general purpose applications

- Interior paint masking
- Light duty bundling
- Tapping, non-critical applications



### **513** Utility Paper Masking Tape

For use in multiple general purpose applications

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



## UV MASKING

### **PG20**

30 Day UV Resistant Premium Paper Masking Tape

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

For use in hull, exterior, deck and cabin applications requiring UV resistance

- Smooth backing for superior paint lines
- Clean, easy removal even after exposure to sunlight for 14 days



### **PT7**

7 Day UV Resistant Specialty Paper Masking Tape

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 7 days





## MULTI-PURPOSE MASKING



### HAND MASKING FILM

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



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	Total thickness (mils)	Tensile strength (lb/in of width)	Adhesion to steel (oz/in of width)	Elongation (% at break)	Temperature resistance	Color
<b>OM (Orange Mask)</b>	Fine crepe paper	Natural rubber/resin	7.3 (0.185mm)	23 (101 N/25mm)	27 (7.4 N/25mm)	14	225°F (107°C) 30 min	Orange
<b>PG21</b>	Fine crepe paper	Rubber/resin	7.3 (0.185mm)	26 (113.8 N/25mm)	28 (7.7 N/25mm)	10	325°F (163°C)	Natural
<b>PG16</b>	Smooth crepe paper	Rubber/resin	6.7 (0.17mm)	25 (109 N/25mm)	30 (8.2 N/25mm)	8.5	room temp to 325°F (160°C) 20 to 40 min	Natural
<b>AM (Aqua Mask)</b>	Medium crepe paper	Natural rubber/resin	6.6 (0.17mm)	20 (87.5 N/25mm)	28 (7.6 N/25mm)	12	212°F (100°C) 30 min	Aqua (blue-green)
<b>PG12</b>	Coarse crepe paper	Rubber/resin	6.5 (0.165mm)	19 (83 N/25mm)	33 (9 N/25mm)	9	212°F (100°C)	Brown
<b>PG505</b>	Smooth crepe paper	Natural rubber	5.8 (0.147mm)	20 (87.5 N/25mm)	33 (9 N/25mm)	10	200°F (93°C)	Natural
<b>PG415</b>	Coarse crepe paper	Natural/synthetic blend	5.3 (0.13mm)	15 (65.7 N/25mm)	37 (10 N/25mm)	8	40°F to 160°F (4°C to 70°C)	Natural
<b>513</b>	Crepe paper	Natural/synthetic rubber	5.0 (0.127mm)	19 (83.2 N/25mm)	36 (9.8 N/25mm)	6.4	50°F to 180°F (10°C to 82°C)	Natural
<b>PG20</b>	Aluminized black crepe paper	Natural rubber/resin	6.8 (0.173mm)	22 (96 N/25mm)	33 (9 N/25mm)	8	325°F (163°C)	Silver
<b>PT14</b>	Fine crepe paper	Synthetic rubber	5.5 (0.139mm)	23 (100 N/25mm)	26 (7 N/25mm)	11	-	Blue
<b>PT7</b>	Smooth crepe paper	Acrylic	4.5 (0.11mm)	20 (87 N/25mm)	20 (5.5 N/25mm)	6	-	Blue
<b>HMF</b>	Film: HDPE	-	0.47 mil (12 micron)	-	-	-	-	Clear w/orange print
<b>FM35</b>	PVC	Rubber	5.4 (0.14mm)	15 (65.7 N/25mm)	29 (7.9 N/25mm)	110	280°F (138°C) (Operating)	Light blue

# MULTI-PURPOSE SOLUTIONS

## SPECIAL APPLICATIONS



### **PE8** Preservation Tape

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



### **TPP200W** Flange Tape

Versatile MOPP for flange masking

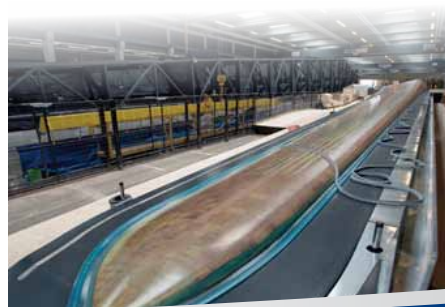
- Easy one-piece removal
- Preserves mold due to one-piece removal
- Clean removal



### **582** Anti-Slip Surface Protection

High performance, non-slip surface protection for decks

- Adheres to non-skid surfaces
- Protection against impact
- Clean, easy removal







## SPECIAL APPLICATIONS

### DOUBLE-COATED TAPES

IPG offers several solutions for double-coated tape requirements!

- DCP053A
  - DCP050R
  - DCT102A
- and more!



### **RG400** 100# BOPP Medium Grade Filament Tape

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

Multi-purpose flatback

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

### PROTECTIVE PAPER

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

## GENERAL APPLICATIONS

### AC20

9mil Utility Duct Tape

Polyethylene coated cloth tape for multiple purpose repair applications

- Weather proofing
- General maintenance
- Binding and bundling



### 591

7.0mil Premium Double-Coated Flatback Tape

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 (7mil)

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

- Excellent adhesion and elongation properties
- UL listed



### 1727

Non-Slip Tape

Weather/wear resistant non-skid tape for slippery areas.

- Great for stairways, steps, ladders and other high slip areas





# MULTI-PURPOSE SOLUTIONS

## MULTI-PURPOSE PRODUCT GUIDE

Product	Backing	Adhesive	Total thickness (mils)	Tensile strength (lb/in of width)	Adhesion to steel (oz/in of width)	Elongation (% at break)	Temperature resistance	Color
PE8	Polyethylene (PE) film	Synthetic rubber	9.0 (0.23mm)	18 (79 N/25mm)	75 (21 N/25mm)	-	150°F (65°C)	White
582	Bleached flatback	Natural rubber	4.9	17	12	3	-	Natural
815	MOPP	Synthetic rubber	4.5 (0.144mm)	150 (656 N/25mm)	60 (16.4 N/25mm)	23	150°F (65°C)	Ivory
RG400	BOPP	Synthetic rubber/resin	5.3 (0.135mm)	100 (438 N/25mm)	75 (21 N/25mm)	4	-	Clear
530	Flatback	Natural/synthetic rubber	7.2 (0.18mm)	45 (197 N/25mm)	50 (16.4 N/25mm)	8	-	Brown
AC20	Polyethylene coated cloth	Natural rubber	9.0 (0.23mm)	23 (100 N/25mm)	50 (13.7 N/25mm)	20	32°F to 160°F	Multiple
602	Vinyl	Rubber	7.0 (0.18mm)	18 (79 N/25mm)	16 (4.4 N/25mm)	200	176°F (80°C)	Black
1727	4mil PVC film	Acrylic	6.3 (0.160mm)	15 (7 Kg/25mm)	80 (2.5 Kg/25mm)	-	-	Black
591	Bleached flatback	Natural rubber	12.0 (0.30mm)	34 (149 N/25mm)	52 (14.2 N/25mm)	3	200°F (93°C)	Natural
Protective Paper	Kraft paper with fiberglass filaments	-	6.3	74 (MD) 24 (CMD)	-	-	-	Natural



# APPLICATION GUIDE

## TECHNICAL TIPS




**Semi-Permanent Wax** .....Orange Mask™, PG21

**Paste Wax (Multiple Brands)** ..... Orange Mask™, PG21, PG16, AM, PG12






### 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>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>
<b>PG12</b>		Medium Temp Masking Tape	<ul style="list-style-type: none"> <li>Sharp color separation on curves or straight lines; resists bleed through</li> <li>Moisture and solvent resistant; clean removal; residue free</li> <li>Removes in one piece without tearing</li> </ul>
<b>HMF</b>		Hand Masking Film	<ul style="list-style-type: none"> <li>Easy to work with; durable film resists tearing; requires less tape</li> <li>Film and tape are applied simultaneously; solvent resistant</li> <li>Clings to surface, preventing overspray; designed to work with multiple hand dispensers; compact size</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>PT7</b>		7 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 7 days without leaving residue</li> </ul>

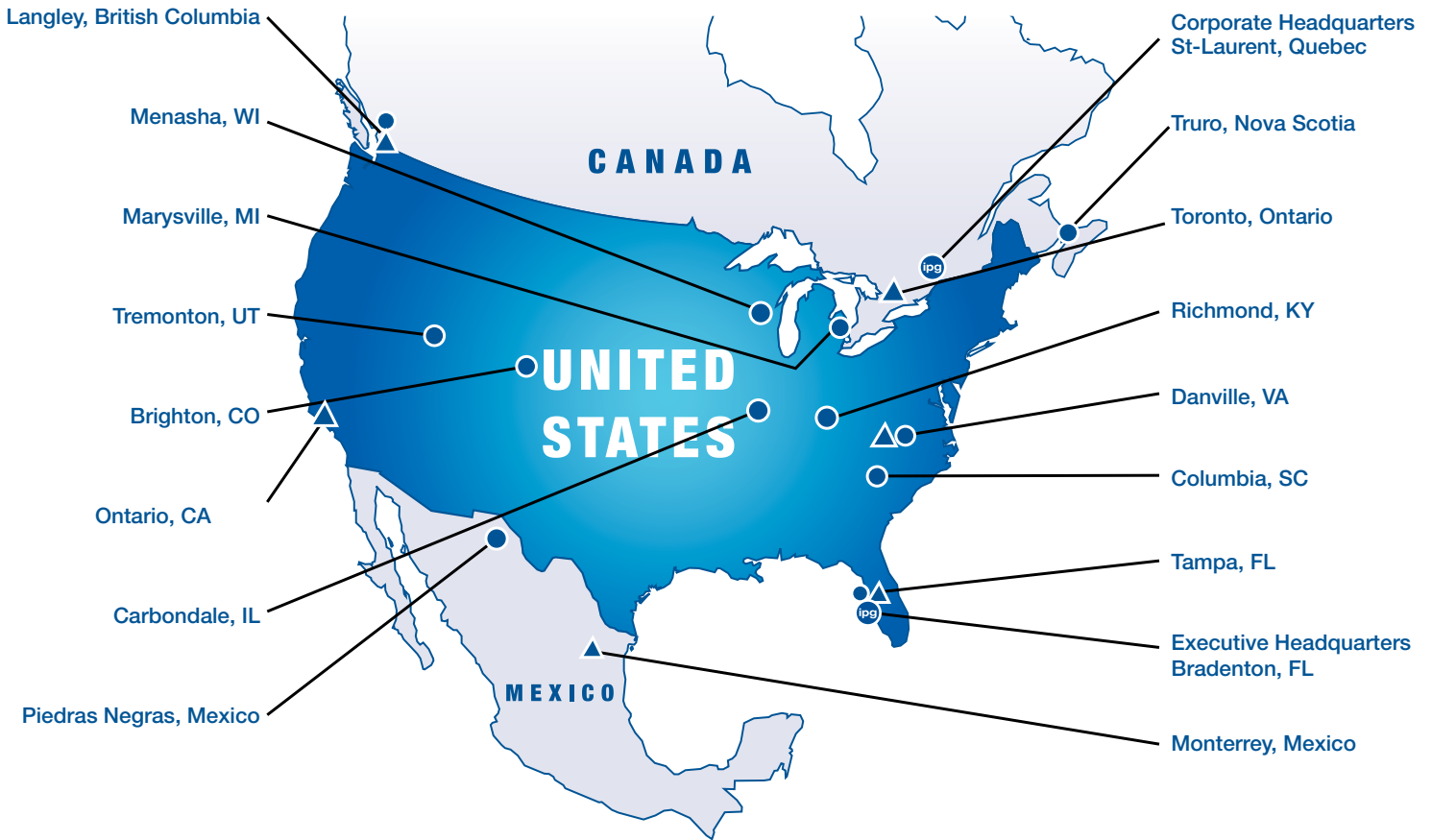
### MULTI-PURPOSE MASKING

<b>PG505</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>Temporary labeling; bundling, non-critical masking</li> </ul>
<b>PG415</b>		Utility Paper Masking Tape	<ul style="list-style-type: none"> <li>For use in multiple general purpose applications</li> <li>Interior paint masking</li> <li>Light duty bundling; tabbing, non-critical applications</li> </ul>
<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>582</b>		Anti-Slip Surface Protection Tape	<ul style="list-style-type: none"> <li>High performance, non-slip surface protection for decks</li> <li>Adheres to non-skid surfaces</li> <li>Protection against impact; clean, easy removal</li> </ul>



### 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 aerospace, automotive and industrial applications and are sold to a broad range of industry/specialty distributors, retail stores and large end-users in diverse industries.



Porto, Portugal



Flensburg, Germany



● Manufacturing	▲ Distribution	IPG Offices
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