

i tape with 



PERFORMANCE SOLUTIONS FOR THE
**TRANSPORTATION
INDUSTRY**





Transportation Industry

Performance Masking Tapes and Protective Products

IPG®'s vision for the transportation market is to be a world leader in performance masking, surface protection and complementary products. Our customer commitment is to deliver solutions that increase productivity, maintain product integrity, improve company image, and contain cost. Our mission is to provide high quality products that meet the stringent demands of the transportation industry while understanding the changing needs of our customers.



Get more info about
IPG's Transportation
Industry Products

A History of Performance

As one of the leading suppliers with over 50 years of manufacturing experience in the area of performance pressure sensitive tapes for masking and surface protection, our products are compatible and proven to perform with a wide variety of advanced coatings available in the transportation industry.



A Passion for Innovation


Innovative solutions are clearly the primary emphasis at IPG. Our specialists and application experts are trained to analyze the production process to develop tailor-made solutions. So no matter what you manufacture – Bus, Truck, RV, Specialty Vehicle, Automotive OEM or tier suppliers such as interior or exterior trim, engines and power train components, electrical and electronic parts or body panels – Intertape Polymer Group® has the right solution for you.

Masking Solutions



Masking tape is one of the most widely used “hand tools” available. As a result, IPG® has focused on manufacturing the best, most efficient tool on the market in the form of our performance masking tapes. Intertape™ brand and American® brand masking tapes are synonymous with quality.

HIGH TEMP PREMIUM PAPER MASKING

Product	Description	Tensile		Adhesion		Thickness		Elongation %	Temp
		lb/in	N/25mm	oz/in	N/25mm	mil	mm		
 American® brand <i>Orange Mask®</i> (OM) high performance masking tape developed for transportation related paint applications such as marine, bus, truck, RV, automotive and various other applications where conformability and clean removal is required; crisp paint lines; UV resistant up to 72 hours; tear, moisture and solvent resistant		23.0	101.0	27.0	7.4	7.1	0.18	12.0	250°F/ 121°C
PG	Designed for paint masking that requires clean and easy removal from a variety of hot or cold surfaces	26.0	114.0	28.0	7.7	7.3	0.19	10.0	250°F/ 121°C
PG14	designed for paint masking requiring clean and easy removal from a variety of surfaces. Can be exposed to oven temperatures up to 250°F (121°C) for 30 minutes.	23.0	101.0	26.0	7.1	6.7	0.17	7.5	250°F/ 121°C
PG16	Good quick stick and holding properties. Typical temperature ranges from room temperature to 325°F (163°C) for 20 to 40 minutes.	25.0	109.0	30.0	8.2	6.7	0.17	8.0	325°F/ 163°C
PG21	Extremely versatile; warm or cold removal; resistant to strong solvents and paints; temperature resistant to 325°F/163°C	26.0	114.0	28.0	7.7	7.3	0.185	10.0	325°F/ 163°C
PG21A	Controlled unwind; resistant to strong solvents, paints and tearing; temp resistant to 325°F/163°C; can be SME-AMS-T-21595 certified	26.0	114.0	29.0	7.9	7.2	0.183	10.0	325°F/ 163°C
PG24	More aggressive; versatile; warm removal; resistant to strong solvents and paints; temperature resistant to 325°F/163°C	26.0	114.0	27.0	7.4	7.2	0.183	10.0	325°F/ 163°C
PG28A	Less aggressive than PG21; versatile; cold removal; resistant to strong solvents and paints; temperature resistant to 325°F/163°C	26.0	114.0	28.0	7.7	7.1	0.18	10.0	325°F/ 163°C
PG48	Easy unwind for wide width; resistant to strong solvents and paints; temperature resistant to 325°F/163°C	27.0	118.0	29.0	7.9	7.7	0.196	10.0	325°F/ 163°C
PG49	Good quick stick and holding properties; resistant to strong solvents and paints; temperature resistant to 325°F/163°C	24.0	105.0	24.0	6.5	6.7	0.17	11.0	325°F/ 163°C
PG57R	Solvent resistant; supports large kraft aprons; ideal for aircraft, buses and heavy trucks; can be SME-AMS-T-21595 certified	30.0	131.0	30.0	8.2	7.7	0.196	12.0	140°F/ 60°C


The Need for Clean Removal

IPG® understands the potential for unnecessary frustration and cost from blurred paint lines, messy adhesive residue, difficulty during removal, or worse yet, tape that falls off and is otherwise difficult to use. These issues can result in longer processing times and increased cost. IPG® has developed a full line of clean removal products that are compatible with the latest coatings and cure temperatures so you can optimize performance and minimize cost.

Masking Solutions



MEDIUM TEMP MEDIUM GRADE MASKING

Product	Description	Tensile		Adhesion		Thickness		Elongation	Temp
		lb/in	N/25mm	oz/in	N/25mm	mil	mm	%	
PG56	Temperature resistant to 225°F/107°C for use in any medium temperature automotive application	26.0	114.0	33.0	9.0	6.4	0.162	9.0	250°F/ 121°C
MP	Easy to apply, clean removal with temperature resistance to 250°F/121°C; resistant for up to 3 days with clean removal; for use in automotive painting, marine and general paint applications	25.0	109.5	33.0	9.0	6.1	0.155	8.0	250°F/ 121°C
	American® brand <i>AquaMask™</i> (AM); rubber-based adhesive provides secure adhesion to both painted and bare metals and plastics, yet removes cleanly without adhesive residue, paint “flaking” from backside or surface staining	20.0	87.5	28.0	7.6	6.6	0.17	12.0	225°F/ 107°C

MEDIUM GRADE PAPER MASKING

Product	Description	Tensile		Adhesion		Thickness		Elongation	Temp
		lb/in	N/25mm	oz/in	N/25mm	mil	mm	%	
PB1	Black, moisture-resistant medium crepe paper masking tape with a pressure-sensitive natural rubber adhesive; black color imparts moderate resistance to ultra violet (UV) light	25.0	109.0	30.0	8.2	5.7	0.15	8.0	200°F/ 93°C
PG5	Recognized as the premium painter’s tape worldwide; smooth textured backing provides for easy application and clean, crisp paint lines	25.0	109.0	30.0	8.2	6.3	0.16	10.0	160°F/ 70°C
PG501	Full natural rubber-based adhesive platform with moisture resistant backing to outperform the competition	26.0	114.0	30.0	8.2	5.5	0.14	9.0	200°F/ 93°C
519	Solvent cast natural and synthetic rubber blend platform adheres to many surfaces	23.0	101.0	36.0	9.8	6.0	0.15	7.0	180°F/ 82°C

UTILITY GRADE PAPER MASKING

Product	Description	Tensile		Adhesion		Thickness		Elongation	Temp
		lb/in	N/25mm	oz/in	N/25mm	mil	mm	%	
PG495	Moisture-resistant crepe paper masking tape with a stain resistant pressure-sensitive rubber adhesive specially designed to stick firmly and securely to rough/ uneven surfaces	22.0	96.3	38.0	10.4	5.2	0.13	8.0	150°F/ 66°C
PG500	Non-critical room temperature applications such as hanging paper, poly and poster board	21.0	92.0	48.0	13.0	5.0	0.127	7.5	-
513	Aggressive adhesive for applications such as textile, carpet seaming, light industrial, manufacturing, bundling & tabbing	19.0	83.2	36.0	9.8	5.0	0.127	6.4	180°F/ 82°C
515	Conformable backing and aggressive adhesive for non-critical securing and bundling applications	21.0	92.0	40.0	10.9	6.0	0.15	7.0	180°F/ 82°C
PG505	Proven industry leader – solvent cast natural and synthetic rubber blend high adhesive for masking, bundling and holding	20.0	87.5	33.0	9.0	5.8	0.147	10.0	200°F/ 93°C
UG	Natural rubber based adhesive with temperature resistance to 175°F/80°C for 30 minutes; resists wet sanding and compatible with both water and solvent based tapes; for general paint masking at lower temperatures	21.0	92.0	32.0	8.8	6.3	0.16	14.0	175°F/ 80°C

Masking Solutions

MULTI-PURPOSE MASKING

Product	Description	Tensile		Adhesion		Thickness		Elongation
		lb/in	N/25mm	oz/in	N/25mm	mil	mm	%
HAND MASK FILM	Durable HDPE film resists tearing; easy to work with; film and tape applied simultaneously; clings to surface preventing overspray; designed to work with multiple hand dispensers	N/A	N/A	N/A	N/A	0.47	0.01	N/A
PTHMF	Stain resistant, temperature resistant, PG21 paper masking tape combined with strong, corona-treated HDPE film. Temperature resistance of combined product is 230°F/110°C.	TAPE						
		26.0	114.0	28.0	7.7	7.3	0.185	10.0
		FILM						
		--	--	--	--	0.35	0.00889	--
PE7	PE film tape; conformable without excessive stretch; excellent adhesion to a variety of surfaces; stiffer backing makes it easier to handle	20.0	87.5	70.0	19.0	7.0	0.178	70.0
PE8	PE film tape; UV resistant; conformable; waterproof; residue-free clean removal; excellent adhesion to polyethylene and other surfaces	18.0	79.0	75.0	21.0	9.0	0.23	70.0
FM35	Light blue; PVC backed; rubber based; fine line masking tape; waterproof and solvent resistant; temperature range of 40°F-280°F (4.4°C-138°C)	15.0	65.6	23.0	6.3	5.4	0.14	150.0
FM71	Dark blue; PVC backed; rubber based; fine line masking tape; removes cleanly from a variety of surfaces when exposed to temperatures up to 250°F/120°C for at least 30 minutes	14.0	61.3	20.0	5.5	5.4	0.14	150.0
6215	Green; PET; silicone adhesive; high temperature; ideal for high temperature powder coat masking and PCB protection during production; suitable for splicing	50.0	219.0	35.0	9.6	3.2	0.08	100.0
6120	Blue; PET; silicone adhesive; high temperature; ideal for high temperature powder coat masking and PCB protection during production; suitable for splicing	22.0	96.3	49.0	13.4	3.0	0.076	100.0

UV Exposure Protection

At IPG, we understand the risks and costs associated with a product that doesn't provide adequate UV protection. To combat this, choose from the products listed below and consider it the best insurance policy available in the tape industry. IPG's products provide UV exposure protection ranging from 7 days to 30 days offering you a wide variety of choices to fit your application needs.

UV MASKING

Product	Description	Tensile		Adhesion		Thickness		Elongation
		lb/in	N/25mm	oz/in	N/25mm	mil	mm	%
PT5	Blue; a crepe paper masking tape coated with a pressure-sensitive, rubber based adhesive for use on walls, trim, glass, metals and lacquered/varnished surfaces.	25.0	109.4	41.0	11.2	5.75	0.146	10.0
PT7	Blue; smooth crepe backed painter's tape; acrylic adhesive; removes cleanly up to 14 days after application, even when exposed to direct sunlight	22.0	96.3	18.0	4.9	5.8	0.147	8.0
PT8	Green; coarse crepe backed painter's tape; removes cleanly up to 8 days after application, even when exposed to direct sunlight	18.0	79.0	22.0	6.0	5.9	0.15	11.0
PT14	Blue; fine crepe backed painter's tape; synthetic rubber adhesive; removes cleanly up to 14 days after application, even when exposed to direct sunlight and high humidity	23.0	101.0	26.0	7.0	5.5	0.14	11.0
PTFL	Yellow; moisture-resistant paper masking tape with a stain resistant pressure-sensitive rubber adhesive specially designed to stick firmly and securely to most surfaces	22.0	96.3	38.0	10.4	3.3	0.08	6.0
PG20	Aluminized silver; crepe backed tape; removes cleanly up to 30 days after application, even when exposed to UV rays. Can be exposed to temperatures up to 325°F (163°C)	22.0	96.3	33.0	9.0	6.8	0.17	8.0

Multiple Applications

There are many applications for tapes used in the manufacturing of trucks, buses, automotive and specialty vehicles. Often times a standard tape just won't do. That is why IPG manufactures and coats such a wide range of backings and adhesive systems to fit specific needs. Our assortment includes a variety of pressure sensitive tapes and films to address all of your manufacturing requirements. If you feel a pressure sensitive adhesive solution is needed within a process or to enhance your product's performance, we can advise you towards finding your winning formula.

TAPES FOR MULTIPLE APPLICATIONS

Product	Description	Tensile		Adhesion		Thickness		Elongation
		lb/in	N/25mm	oz/in	N/25mm	mil	mm	%
RG46	Thermosetting rubber adhesive; resistant to strong solvents; high flexibility, conformability, heat resistance and tensile strength; ideal for splicing applications where surface materials are rough	175.0	776.0	50.0	13.7	7.0	0.178	3.0
RG47	Acrylic adhesive; resistant to solvents and oils; high flexibility, conformability, heat resistance and tensile strength; ideal for splicing applications where surface materials are rough	200.0	876.0	40.0	10.9	7.0	0.178	3.0
RG48	Thermosetting silicone adhesive; masks sensitive areas to protect from plasma spray; high flexibility, conformability, heat resistance and tensile strength; ideal for splicing applications where surface materials are rough	185.0	810.0	45.0	12.3	7.0	0.178	3.0
FM28	One mil polyimide backing with silicone adhesive; heat resistant; ideal for high temperature processing applications and printed circuit board fabrication	30.0	52.0	25.0	2.7	2.5	0.064	80.0
PS1	Royal blue; high strength flatback; adhesive withstands temperature exposure up to 400°F/204°C	48.0	210.0	62.0	17.0	9.6	0.243	4.0
PM2	Versatile; tan color flatback matches most corrugated cardboard for professional, sealed look	36.0	157.6	57.0	15.6	6.0	0.15	3.0
534	Brown; the industry leader – ideal for splicing or package sealing; meets U.S. Postal and UPS shipping requirements	40.0	175.0	68.0	18.6	7.5	0.19	7.0
AC20	Available in several colors; economic all-purpose duct tape for home and office use	18.0	79.2	40.0	11.0	9.0	0.228	14.0
AC30	The maintenance shop duct tape – silver, red, black; ideal for shop floor applications from machine repair to leak sealing	20.0	87.5	55.0	15.0	10.0	0.25	18.0
ALF150L	For seaming and sealing fiberglass duct board and duct wrap; enhances appearance and maintains vapor barrier integrity; high tack rubber-based adhesive; recommended minimum application temperature 40°F (4°C)	18.0	78.8	115.0	31.5	3.3	0.08	3.0
ALF175L	For general purpose seaming, patching and sealing to enhance appearance and maintain vapor barrier integrity; provides long-lasting adhesion to clean/dry surfaces; flame retardant; high shear adhesion/UV resistant; excellent reflective properties (i.e. heat, light)	20.0	87.5	80.0	21.9	3.3	0.08	5.0
ALF200	For general purpose seaming, patching and sealing; enhances appearance and maintains vapor barrier integrity; excellent adhesion to clean/dry surfaces; flame retardant/UV resistant	29.0	127.0	60.0	16.4	3.9	0.10	5.6
ALF300	Meets requirements for masking of aircraft surfaces during chemical paint stripping; instant water-resistant adhesion to clean/dry surfaces; flexible - conforms to irregular surfaces; recommended minimum application temperature 35°F; conforms to government spec SAE-AMS-T-23397B, Type II	29.0	127.0	55.0	15.0	4.7	0.12	7.5
RG300	Natural; BOPP [*] backed; ideal for non-critical packaging and shipping	110.0	482.0	63.0	17.2	4.0	0.10	3.5
602	Black; vinyl; general purpose electrical tape; electrical insulating; UL listed; good dielectric strength	17.0	74.0	17.0	4.6	7.0	0.178	150.0
TM27	Medium temperature-resistant masking combined with polyester edge lift strip; for masking auto window moldings	-	-	30.0	8.2	7.6	0.19	-
PF3	Medium crepe backed masking; available in several colors; used for identification, color coding, edging and lightweight packaging	19.0	83.0	32.0	8.7	5.2	0.13	7.0

* Biaxially Oriented Polypropylene

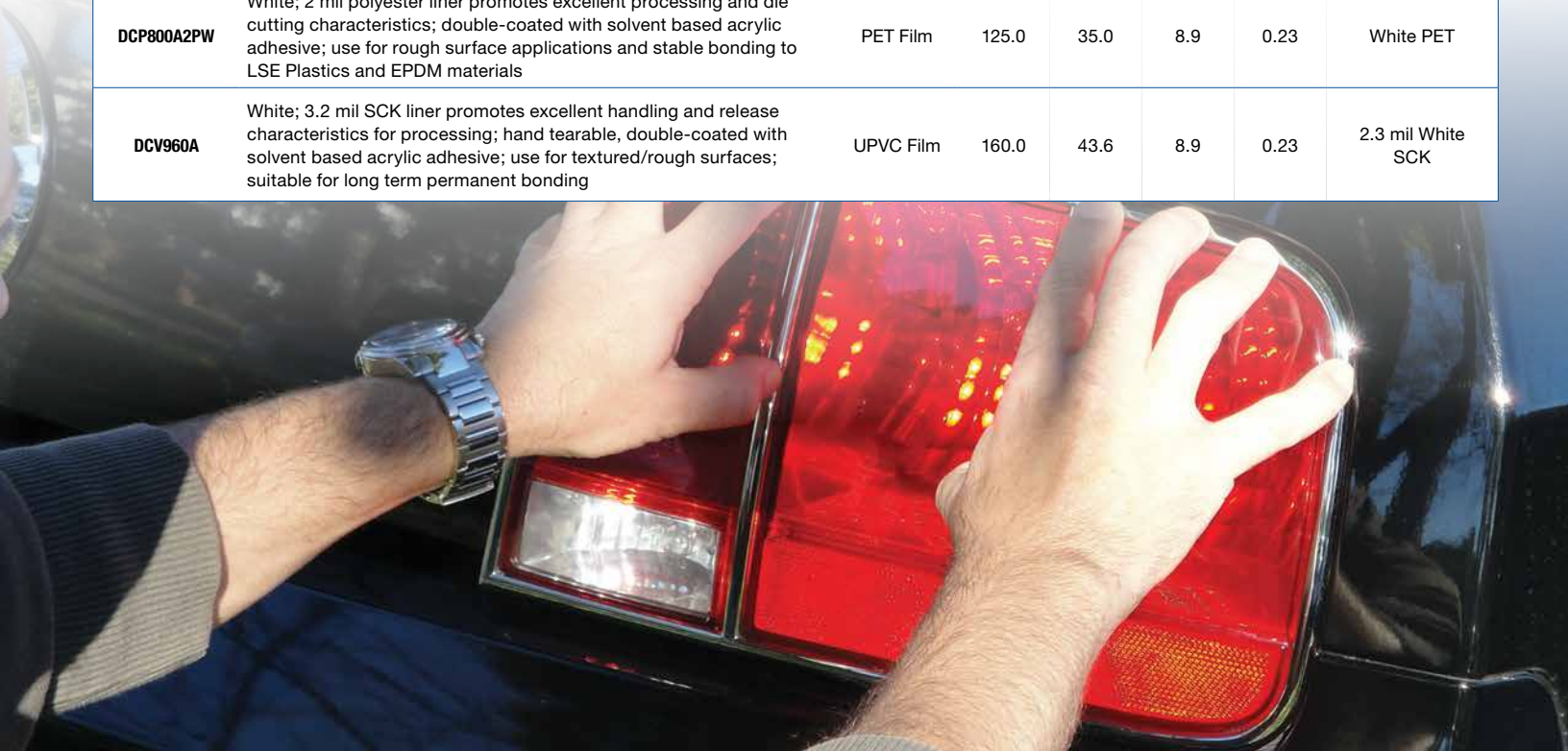
Mounting Solutions

IPG's line of high-performance double coated products are used in a number of applications such as gasket attachment, component assembly, nameplates, interior and exterior trim attachments and many more. Our products are also converter friendly for a wide variety of applications requiring die cuts and custom parts. IPG offers several solutions for double coated tape requirements! Contact your IPG rep for custom solutions. IPG has expanded our double-coated tape offering. We now offer Cactus® brand specialty double-sided adhesive tapes.



DOUBLE-COATED TAPES

Product	Description	Backing	Adhesion		Thickness w/o liner		Liner
			oz/in	N/25mm	mil	mm	
AFT200C	Thick acrylic carrier double-coated with acrylic adhesive; flexible and conformable; excellent solvent resistance and temperature variances; intended for permanent bonding of two surfaces	Acrylic Foam	116.0	31.7	20.0	0.51	Red PE Film
AFT450G	Premium acrylic foam tape double-coated with acrylic adhesive; flexible and conformable; excellent solvent resistance and temperature variances; intended for permanent bonding of two surfaces	Acrylic Foam	188.0	51.0	45.0	1.14	Red PE Film
AFT450W	Premium acrylic foam tape double-coated with acrylic adhesive; flexible and conformable; excellent solvent resistance and temperature variances; intended for permanent bonding of two surfaces	Acrylic Foam	179.0	49.0	45.0	1.14	Red PE Film
CACTUS® B4180	Black 1/32in thick closed cell cross-linked PE foam double-coated with aggressive acrylic for permanent bonding. Ideal for side molding and trim profile automotive applications	PE Foam	49.4	13.34	31.5	0.8	Green PE Film
CACTUS® Y291M	Clear 1 mil PET film with differential acrylic adhesive coating; liner side offers lower tack for clean removal and the exposed side provides moderate adhesion and good initial tack; for mounting, signage, splicing, carpet hold down and temporary holding	PET Foam	49.0	13.34	3.5	0.09	76# White PCK
DCP800A2PW	White; 2 mil polyester liner promotes excellent processing and die cutting characteristics; double-coated with solvent based acrylic adhesive; use for rough surface applications and stable bonding to LSE Plastics and EPDM materials	PET Film	125.0	35.0	8.9	0.23	White PET
DCV960A	White; 3.2 mil SCK liner promotes excellent handling and release characteristics for processing; hand tearable, double-coated with solvent based acrylic adhesive; use for textured/rough surfaces; suitable for long term permanent bonding	UPVC Film	160.0	43.6	8.9	0.23	2.3 mil White SCK

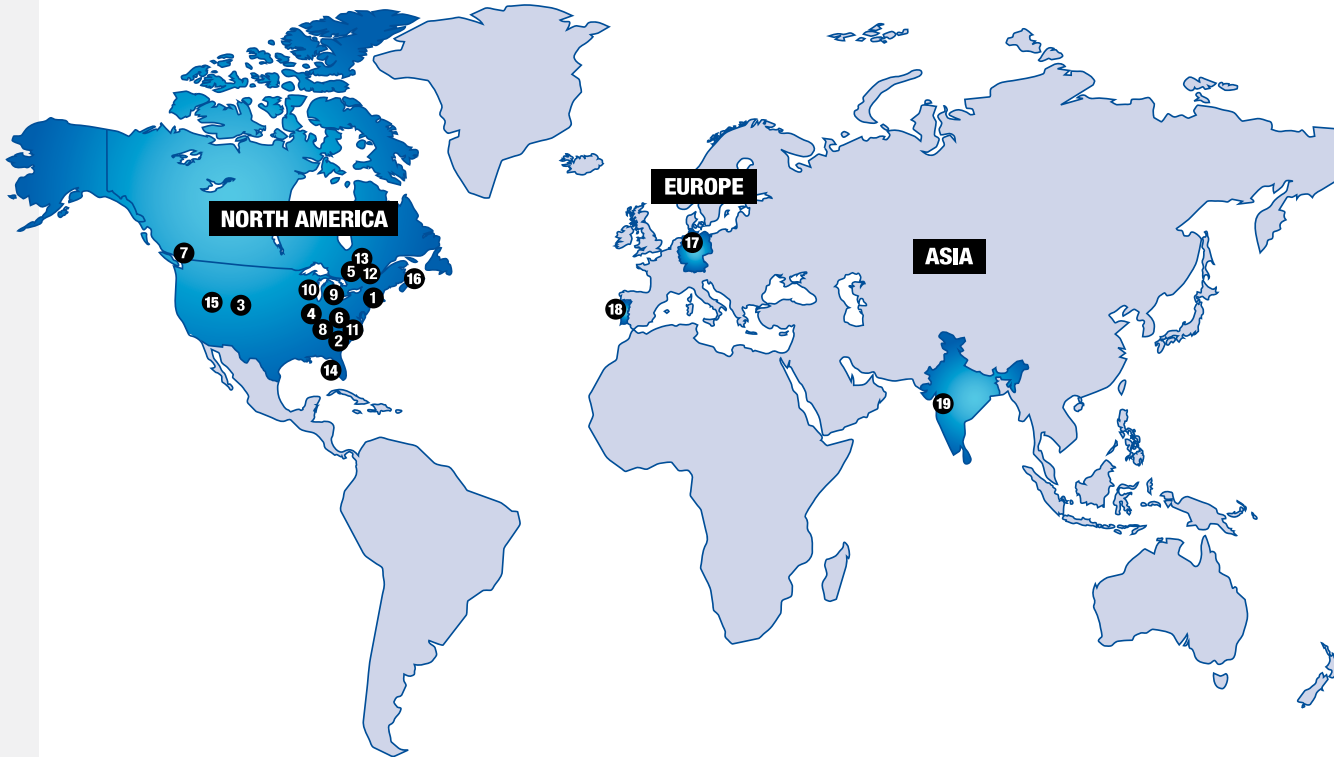




i tape with

CORPORATE PROFILE

Intertape Polymer Group® Inc. (IPG®) is a recognized leader in the development, manufacture and sale of a variety of paper and film based pressure-sensitive and water-activated tapes, polyethylene and specialized polyolefin films, woven coated fabrics and complementary packaging systems for industrial and retail use. Headquartered in Montreal, Quebec and Sarasota, Florida, the Company employs approximately 2,500 employees with operations in 19 locations, including 13 manufacturing facilities in North America and one in each of Europe and Asia.



NORTH AMERICA

- 1. Ansonia, CT ■
- 2. Blythewood, SC ●
- 3. Brighton, CO ●
- 4. Carbondale, IL ●
- 5. Cornwall, ON ●
- 6. Danville, VA ●▲
- 7. Delta, BC ●
- 8. Johnson City, TN ●
- 9. Marysville, MI ●

NORTH AMERICA

- 10. Menasha, WI ●
- 11. Midland, NC ●
- 12. Montreal, QC ★
- 13. Montreal, QC ●
- 14. Sarasota, FL ☆
- 15. Tremonton, UT ●
- 16. Truro, NS ●

ASIA EUROPE

- 17. Flensburg, Germany ▲
- 18. Porto, Portugal ●
- 19. Daman, India ●

- Manufacturing
- Machine Assembly
- ▲ Distribution
- ★ Corporate Headquarters
- ☆ Executive Headquarters

888-898-7834

www.itape.com | Tech Help: 877-447-4832 | info@itape.com

