



i tape



AEROSPACE INDUSTRY

i tape



AEROSPACE INDUSTRY

Performance Masking Tapes and Protective Products

Our vision for the aerospace market is to be a world leader in performance masking, surface protection and complementary products so that we uphold our customer commitment to deliver solutions that increase productivity, maintain product integrity, improve company image and contain cost.

TAKE FLIGHT WITH IPG

Innovative solutions are clearly the primary emphasis at IPG®. Our R&D team continuously experiments with new chemistries and technologies to fulfill today's requirements, anticipate tomorrow's needs and comply with the ever more stringent health and safety regulations. Our specialists and application experts analyze your production processes and develop tailor-made solutions to fit your specific needs.

Regardless of the type of manufacturing or maintenance performed - fixed wing or rotary, commercial or military aircraft, component parts, space craft, missile or other aerospace systems - IPG has the right solution for you. You can "take off" knowing that our products will always offer high quality, cost effective advantages.

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Clean removal products, compatible with the latest coatings and cure temperatures.



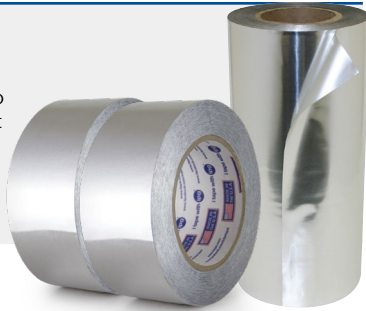
5 MEDIA BLAST SOLUTIONS

Adhere to surface, absorb all of the energy it's exposed to without becoming brittle and remove cleanly.



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Best insurance policy available. Time tested and military approved to protect the world's most expensive equipment.



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Adhere to form and impenetrable barrier for dust, moisture, UV light, duration of storage.



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Mask, hold and protect parts in production and products being prepared for finish coatings.



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Used on gold fingers for protection in wave soldering; used as a ground barrier and phase insulation in high performance torroidal coils.



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Applications for tapes vary for the manufacture, maintenance, and repair of aerospace parts.



11 BONDING SOLUTIONS

Bond or hold two surfaces together either temporarily or permanently.



MASKING SOLUTIONS

Masking tape is one of the most widely used “hand tools” available. As a result, IPG® focused on making the best, most efficient tool on the market in the form of our performance masking tapes. IPG understands the potential for unnecessary frustration and cost from blurred paint lines, messy adhesive residue, baked on tape, 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 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. Feel confident that we can make your favorite tool even better.

MASKING SOLUTIONS

STYLE	DESCRIPTION	GRADE	THICKNESS		TENSILE		ADHESION		ELONGATION	TEMP
			mil	mm	lb/in	N/25mm	oz/in	N/25mm	%	
Orange Mask (OM)	American® brand OM (Orange Mask®) 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	Performance Grade Masking	7.1	0.18	23.0	101.0	27.0	7.4	12	250°F (121°C)
PG21	Extremely versatile; warm or cold removal; resistant to strong solvents and paints; <i>ASTM D6123/D6213M (1), CID AA-883B (1), BAC5317</i>	Performance Grade Masking	7.3	0.185	26.0	114.0	28.0	7.7	10	325°F (163°C)
PG21A	Controlled unwind; resistant to strong solvents, paints and tearing; <i>SAE-AMS-T-21595(1)</i>	Performance Grade Masking	7.2	0.183	29.0	114.0	29.0	7.9	10	up to 325°F (163°C)
PG57R	Solvent-resistant; supports large kraft aprons; ideal for aircraft, buses and heavy trucks; <i>SAE-AMS-T-21595 (1), BAC5034-4, BAC D6-1816</i>	Performance Grade Masking	7.7	0.196	30.0	131.0	30.0	8.2	12	140°F (60°C)
PG5	Recognized as the premium painter’s tape worldwide; smooth textured backing provides for easy application and clean, crisp paint lines; <i>ASTM D6123/D6213M (1), CID AA-883B (1), BAC 5317</i>	Premium	6.3	0.16	25.0	109.0	30.0	8.2	10	200°F (93°C)
PG16	For high temperature applications; clean removal when warm; <i>ASTM D6123 Type I, CID A-A-883 Type I</i>	Premium	6.7	0.17	25.0	109.0	30.0	8.2	8	325°F (160°C)
AquaMask (AM)	American® brand AM (AquaMask™); the 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	Medium	6.6	0.17	20.0	87.5	28.0	7.6	12	225°F (107°C) 30 min
PG505	Proven industry leader – solvent cast natural and synthetic rubber blend high adhesive for masking, bundling and holding; <i>ASTM D6123/D6213M (1), CID AA-883B (1)</i>	Medium	5.8	0.147	20.0	87.5	33.0	9.0	10	200°F (93°C)
519	Solvent cast natural and synthetic rubber blend platform adheres to many surfaces; <i>ASTM D6123/D6213M (1), CID AA-883B (1), PPP-t-42 (1)</i>	Medium	6.0	0.15	23.0	101.0	36.0	9.8	7	180°F (82°C)
UG	Natural rubber based adhesive; resists wet sanding and compatible with both water and solvent based tapes; for general paint masking at lower temperatures	Utility	6.3	0.16	21.0	92.0	32.0	8.8	14	175°F (80°C) 30 min

MEDIA BLAST SOLUTIONS

Media blast masking tapes adhere to the surface, absorb all of the energy it's exposed to without becoming brittle and remove cleanly in one piece. IPG® offers the only tapes in the industry that can do all this and also be easily die-cut into specific shapes to dramatically speed up the masking process. IPG's BT series tapes are available in a variety of thicknesses and liner options. Have a blast comparing IPG's tapes to competitive alternatives and see who the clear cut winner is!

MEDIA BLAST SOLUTIONS

STYLE	DESCRIPTION	GRADE	THICKNESS		TENSILE		ADHESION		ELONGATION	TEMP
			mil	mm	lb/in	N/25mm	oz/in	N/25mm	%	
BT100-40	Shot Peening tape; tough rubber construction; withstands "PMB" as well as light sandblasting applications <i>Military TO Manual 1-1-8</i>	Specialty	45.0	1.14	5.0	21.9	30.0	8.2	>150	N/A
AC50	14 mil duct tape with high strength and durability; engineered PET cloth provides higher tensile and tear strength; applications include surface protection, media blast, shot peening, moisture barrier and military uses; tested in accordance with UL 723; <i>ASTM D5486 Type IV, CID AA-1586A, PPP-T60 Type IV, Tested per UL723/E-84</i>	Premium	14.0	0.36	38.0	166.0	44.0	12.0	21	180°F (82°C)
AC47	12 mil duct tape with UV barriers designed to remove cleanly from most surfaces; aggressive adhesive for improved adhesion to rough surfaces providing superior holding power; applications include asbestos, lead, mold abatement, exterminating, stucco masking, silk screen printing, plastering and outdoor maintenance; tested in accordance with UL 723 meeting HUD and BOCA codes; <i>Tested per UL723/E-84</i>	Premium	12.0	0.30	45.0	197.0	40.0	11.0	20	+32°F to +180°F (0°C to +82°C)
AC30	10 mil duct tape that bonds to most surfaces; engineered adhesive system provides an economical alternative to thicker tapes; applications include general purpose industrial uses, contractor jobs, hanging poly-sheeting and building containment systems; <i>Tested per UL723/E-84</i>	Medium	10.0	0.25	20.0	87.5	55.0	15.0	18	160°F (71°C)
PS-1	Royal blue; high strength flatback; <i>BAC D6-1816</i>	Premium	9.6	0.243	48.0	210.0	62.0	17.0	4	400°F (204°C)
PG21A	Controlled unwind; resistant to strong solvents, paints and tearing; <i>can be SAE-AMS-T-21595 certified</i>	Performance Grade Masking	7.2	0.183	26.0	114.0	29.0	7.9	10	325°F (163°C)

CHEMICAL STRIPPING SOLUTIONS

Aerospace coatings have gotten stronger over the years making their removal more difficult. At IPG®, we understand the risks and costs associated with a product that doesn't provide adequate protection during the chemical stripping process. To combat this, choose from the products listed below and consider it the best insurance policy available in the tape industry. IPG's products are time tested and military approved to protect the world's most expensive equipment.

CHEMICAL STRIPPING SOLUTIONS

STYLE	DESCRIPTION	BACKING	THICKNESS		TENSILE		ADHESION		ELONGATION	TEMP
			mil	mm	lb/in	N/25mm	oz/in	N/25mm	%	
ALF300(A) ALF300L(A)	Foil tape; instant water-resistant adhesion to clean, dry surfaces; flexible - conforms to irregular surfaces; meets the requirements of <i>SAEAMS-T-23397B Type I & Type II, BAC D6-1816, BAC D6-3450, DAN220</i> ; available with and without a liner Product uses: mask for chemical paint stripping of aircraft, underlay for PMB blast tape, electroplating, HVAC	3.0 mil Aluminum	4.7	0.12	29.0	127.0	55.0	15.0	7.5	325°F (163°C)
FBL100	Film/foil laminate barrier material that is resistant to water, paint stripping chemicals, oils and grease; designed and engineered for use during chemical (paint) stripping of aircraft to provide vapor barrier protection	PE/Foil/PP Laminate	4.8	0.12	50.0 min	219.0	N/A	N/A	N/A	N/A
LA26	Moisture, chemical, abrasion and puncture resistance; with the machine direction strength and dimensional stability of rope-fiber paper backing; designed for high temperature conditions; used for 'powder coat' masking	PET/ Paper Laminate	6.0	0.15	45.0	197.0	60.0	16.4	2	350°F (176°C)



AIRCRAFT STORAGE SOLUTIONS

Storing a jet airplane is expensive. Having the engine parts corrode, the avionics damaged or the interior exposed to excessive UV or moisture can be devastating. IPG®'s range of preservation solutions adhere to form an impenetrable barrier for dust, moisture, UV light and more for the duration of the storage period. The end result is a very cost effective means to protecting your investment.

AIRCRAFT STORAGE SOLUTIONS

STYLE	DESCRIPTION	BACKING	THICKNESS		TENSILE		ADHESION		ELONGATION	TEMP
			mil	mm	lb/in	N/25mm	oz/in	N/25mm	%	
ALF300(A) ALF300L(A)	Foil tape; instant water-resistant adhesion to clean, dry surfaces; flexible - conforms to irregular surfaces; meets the requirements of <i>SAEAMS-T-23397B Type I & Type II, BAC D6-1816, BAC D6-3450, DAN220</i> ; available with and without a liner Product uses: mask for chemical paint stripping of aircraft, underlay for PMB blast tape, electroplating, HVAC	3.0 mil Aluminum	4.7	0.12	29.0	127.0	55.0	15.0	7.5	325°F (163°C)
FBL100	Film/foil laminate barrier material that is resistant to water, paint stripping chemicals, oils and grease; designed and engineered for use during chemical (paint) stripping of aircraft to provide vapor barrier protection	PE/Foil/PP Laminate	4.8	0.12	50.0 min	219.0	N/A	N/A	N/A	N/A
PE 8	PE film tape; UV resistant; conformable; waterproof; residue-free clean removal; excellent adhesion to polyethylene and other surfaces	Polyethylene (PE) film	9.0	0.23	18.0	79.0	75.0	21.0	70	150°F (65°C)
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	Fine Crepe Paper	5.5	0.14	23.0	101.0	26.0	7.0	11	N/A
PG20	Aluminized silver; crepe backed painter's tape; removes cleanly up to 30 days after application, even when exposed to UV rays; weather resistant	Aluminized Crepe Paper	6.8	0.17	22.0	96.0	33.0	9.0	8	325°F (163°C)

REINFORCED CONSTRUCTION PAPER

STYLE	DESCRIPTION	THICKNESS		TENSILE		TOP & BOTTOM PLY	LAMINATING ADHESIVE	REINFORCEMENT
		mil	mm	lb/in	N/25mm			
Reinforced Construction Paper	3-way fiberglass reinforced natural kraft paper; used as a protection for finished floors/surfaces during construction or remodeling/repair; non-bleeding; non-staining; skid and slip resistant; water and oil resistant; withstands medium to heavy foot traffic	6.3	0.16	MD 74.0 CMD 24.0	MD 324.0 CMD 10.5	30.00# Natural (virgin fiber) Kraft paper	14.00# High Melt Index Polypropylene Based Co-Polymer	MD (1-1-1) 110 Fiberglass on 15mm centers CMD (1-1-1) 150 Fiberglass on 1.25" centers at 37°

COMPOSITE BONDING SOLUTIONS

Composite parts are being integrated more and more into every new aerospace design, and we know that the manufacturing processes have very unique requirements for performance. These needs are addressed through the IPG® products that are designed to mask, hold and protect parts in production, as well as parts being prepared to receive the finish coatings. Regardless if the need is to hold your parts in place or provide a superior surface to bond to when repair is needed, IPG has the solution for you.

COMPOSITE BONDING SOLUTIONS

STYLE	DESCRIPTION	BACKING	THICKNESS		TENSILE		ADHESION		ELONGATION	TEMP
			mil	mm	lb/in	N/25mm	oz/in	N/25mm	%	
6120	Blue; silicone adhesive; high temperature; ideal for high temperature powder coat masking and PCB protection during production; suitable for splicing	1.0 mil PET	3.1	0.079	26.0	114.0	28.0	7.7	120	356°F (180°C)
6130	Red; silicone adhesive; high temperature; protects printed circuitry from plating solutions and fumes without contaminating bath solutions such as those used in tin/lead stripping and 'gold-finger' plating operations	1.0 mil PET	2.6	0.066	26.0	114.0	32.0	8.75	120	356°F (180°C)
6215	Green; silicone adhesive; high temperature; ideal for high temperature powder coat masking and PCB protection during production; suitable for splicing	2.0 mil PET	3.2	0.08	55.0	240.8	40.0	10.9	100	356°F (180°C)
RG519	Uni-directional, fiberglass reinforced compaction tape for cylindrical composite parts	1.0 mil PET	4.88	0.124	351.0	616.5	N/A	N/A	6.2	N/A
PG21A	Controlled unwind; resistant to strong solvents, paints and tearing; SAE-AMS-T-21595(1)	Fine Crepe Paper	7.2	0.183	26.0	114.0	29.0	7.9	10	325°F (163°C)
PT 7	Blue; painter's tape; acrylic adhesive; removes cleanly up to 14 days after application, even when exposed to direct sunlight	Coarse Crepe Paper	5.8	0.147	22.0	96.0	18.0	4.9	8	40°F to 120°F (4°C to 49°C)
DCP800A2PW	Ultra high adhesion double coated PET film with aggressive acrylic adhesive; 2 mil polyliner to promote excellent processing and die cutting, use for rough surface applications and stable bonding to LSE plastics and EPDM materials	0.5 mil (25µ)PET	7.9 w/o liner	0.20 w/o liner	N/A	N/A	125.0	34.0	N/A	Short Term 174°F (80°C) Long Term 350°F (176°C)
591	Standard for golf-grip repair; heavy-duty; flatback doublecoated with natural rubber/resin adhesive; also ideal for photograph mounting, carpet installation, and textile manufacturing; CID AA-180C Type II	Bleached Flatback	7.0 w/o liner	0.178 w/o liner	34.0	149.0	52.0	14.2	3	200°F (93°C)

ELECTRICAL INSULATION SOLUTIONS

Aerospace electronics are highly technical and specialized systems expected to provide unfailing service for decades. IPG®'s electrical and electronic tapes unwaveringly meet that requirement. These engineered products are manufactured under the strictest standards to deliver the highest level of performance and reliability. These products carry many specifications, not the least being military, NASA, UL and CSA. IPG is proud that we have the most comprehensive product line in the industry. You will be pleasantly shocked by our performance!

ELECTRICAL/ELECTRONIC APPLICATIONS - INSULATION CLASS

STYLE	DESCRIPTION	THICKNESS		DIELECTRIC	INSULATION CLASS
		mil	mm	volts	
4118	Kapton® polyimide film tape; used on gold fingers for protection in wave soldering; used as a ground barrier and phase insulation in high performance torroidal coils; <i>MIL-P-46112B, ASTM D5213 Type I Class A</i>	2.6	0.067	7,000	180°C
4428	Polyimide film tape; used where toughness, puncture resistance to heat and flame retardance are required; used on gold fingers for protection in wave soldering; used as a ground barrier and phase insulation in high performance torroidal coils	2.6	0.067	7,000	180°C
4429	Polyimide film tape; used where toughness, puncture resistance to heat and flame retardance are required; used on gold fingers for protection in wave soldering; used as a ground barrier and phase insulation in high performance torroidal coils	3.5	0.089	11,000	180°C
4617	Glass cloth tape; provides outstanding resistance to oils, solvents, and chemicals; excellent conformability; ideal for inter-layer insulation, coil outer wraps, tie-downs, lead insulation and protection, and electrical motor and generator binding; <i>MIL-I-15126F Type GFT, CID A-A-59770-4 Type GFT, Northrop Grumman C117301</i>	7.0	0.127	3,000	155°C
4618	Glass cloth tape; resists edge fraying and rotting, solvents and abrasions; flexible; varnish absorbent; ideal for high temp coil insulation wrap, harness wrapping and splicing; <i>MIL-I-19166C</i>	7.0	0.178	2,500	200°C
51579	Kapton® polyimide film tape; offers excellent chemical and thermal resistance; where toughness and puncture resistance is required; <i>ASTM D5213 Type I</i>	2.2	0.056	7,000	155°C
51587	Polyester film tape; resists chemicals and solvents when thermoset; ideal for coil wrapping, anchoring, harnessing, holding, and insulating tabbing and interlayer insulating; <i>MIL-I-15126F Type MF 2.5</i>	2.2	0.056	5,000	130°C
51589	Polyester film tape; excellent long-term aging characteristics; solvent resistant; flexible; <i>L-T-100B Type I</i>	2.2	0.056	5,000	130°C
51595	Polyester Laminate tape; tear and puncture resistance; high tensile strength with elongation and excellent dielectric strength; perfect for high volume coil wrapping, ground and barrier insulation, outer protective wrap for bobbin applications, coil end insulation, anchoring leads and terminal boards	4.5	0.114	5,000	155°C
54108	Polyester film tape; ideal for high shear resistance at elevated temperatures; tough and conformable; high initial cure and is abrasion and moisture resistant	2.4	0.061	5,000	130°C

Kapton® is a registered trademark of E. I. du Pont de Nemours and Company.

ELECTRICAL/ELECTRONIC APPLICATIONS - TEMPERATURE CLASS

STYLE	DESCRIPTION	THICKNESS		DIELECTRIC	TEMPERATURE
		mil	mm	volts	
FM38	Specialty non-UL Anti-static polyimide tape; used where low static, toughness, puncture resistance, extreme resistance to heat and flame retardant properties are required; for wave solder and re-flow applications where antistatic or low static is needed	1.97	0.05	N/A	280°C (536°F)

SPECIALTY PRODUCTS

There are many applications for tapes used in the manufacture, maintenance and repair of aerospace parts. 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. In fact, there are simply too many to list here. Please contact an IPG sales representative and together we can help find the right solution to meet your specific need.

SPECIALTY APPLICATIONS

STYLE	DESCRIPTION	GRADE	THICKNESS		TENSILE		ADHESION		ELONGATION %	TEMP
			mil	mm	lb/in	N/25mm	oz/in	N/25mm		
783	Black, polyester backed with fiberglass filaments; ideal for heavy duty industrial applications	Premium	8.0	0.203	333.0	1458.0	37.0	10.1	4.5	225°F (107°C)
TPP200	Tensitized polypropylene tape; white or blue; clean removability from a variety of surfaces	MOPP	2.6	0.066	90.0	394.0	30.0	8.2	26	200°F (95°C)
FM35	High temp fineline masking; For medium to high temp applications where a sharp fine line is required including composite and fiberglass (gelcoat) fabrication; conformable; waterproof; solvent-resistant	Performance Grade Masking	5.4	0.14	15.0	65.6	23.0	6.3	150	40°F to 280°F (4.4°C to 138°C)
PF5	Paper flatback tape; fluorescent red-orange; printable; ideal for attention-grabbing labeling	Specialty	6.1	0.155	35.0	153.0	28.0	7.7	3	N/A
RG46	Glass cloth tape; an excellent choice for splicing, especially materials having rough surfaces	Specialty	7.0	0.178	175.0	766.0	50.0	13.7	3	400°F (204°C)
RG47	Glass cloth tape; an excellent choice for splicing, especially materials having rough surfaces	Specialty	7.0	0.178	200.0	876.0	40.0	10.9	3	300°F (155°C)
RG48	Glass cloth tape; designed to be used in strategic masking off areas for thermal spray/plasma spray operations	Specialty	7.0	0.178	185.0	810.0	45.0	12.3	3	500°F (260°C)

SHEETING

STYLE	DESCRIPTION	THICKNESS		SIZES AVAILABLE		COLOR
		mil	mm	width	length	
Hand Mask	Hand masking film; durable HDPE film resists tearing; easy to work with; film and tape applied simultaneously; solvent resistant; clings to surface preventing overspray; designed to work with multiple hand dispensers	0.47	0.012	24" 36" 48" 72" 90"	180' 90' 180' 90' 90'	Translucent
PTHMF	Premium pre-taped masking film featuring PG21 masking tape; stain resistant; temperature resistant; permits worry free wet sanding preparation and allows for easy cornering/masking or curved surfaces; secure hold and clean removal; work with solvent and water-borne paint systems	0.35	0.009	21" 43" 72" 120"	115' 115' 115' 115'	Clear

*For tape characteristics, see PG21 listing on page 3. Temperature resistance listed applies to TAPE ONLY. Combined product temperature resistance is 230°F/110°C.

SMOOTHING APPLICATION

STYLE	DESCRIPTION	THICKNESS		SIZES AVAILABLE		COLOR
		mil	mm	width	length	
Squeegee	Used for smoothing out tape and substrates	n/a	n/a	3"	4'	White

BONDING SOLUTIONS

IPG® offers a broad range of double-coated adhesive tapes that help address the many bonding and holding applications within the aerospace Industry. There is a wide array of surface types and textures that need to be joined together either temporarily or permanently. To address this, IPG offers various adhesive options that vary in chemical composition, thickness and performance ranges. We also offer our bonding and fixing adhesive either with or without a carrier to ensure we have a solution for you.

DOUBLE-COATED APPLICATIONS

STYLE	DESCRIPTION	GRADE	THICKNESS W/O LINER		ADHESION		ELONGATION	TEMP
			mil	mm	oz/in	N/25mm	%	
591	Standard for golf-grip repair; heavy-duty; flatback double-coated with natural rubber/resin adhesive; also ideal for photograph mounting, carpet installation, and textile manufacturing; <i>CID AA-180C Type II</i>	Premium Paper	7.0	0.178	52.0	14.2	3	200°F (93°C)
DCP800A2PW	Ultra high adhesion double coated PET film with aggressive acrylic adhesive; 2 mil polyliner to promote excellent processing and die cutting, use for rough surface applications and stable bonding to LSE plastics and EPDM materials	Specialty	7.9	0.20	125.0	34.0	N/A	Short term 350°F (180°C) Long term 175°F (80°C)
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	8.9	0.22	160.0	43.8	150	Short term 250°F (121°C) Long term 140°F (60°C)
DCP051A	Polyester film double-coated with an aggressive acrylic adhesive; for core starting, splicing paper and film, and other general purpose uses; intended for permanent application	Medium	3.5	0.09	53.0	14.5	N/A	Short term 250°F (121°C) Long term 140°F (60°C)

TRANSFER TAPE APPLICATIONS

STYLE	DESCRIPTION	THICKNESS W/O LINER		ADHESION		TEMP
		mil	mm	oz/in	N/25mm	
ATA200	Glass filled 2 mil acrylic transfer tape; provides good shear and excellent adhesion for lamination, mounting, and splicing a variety of materials in a broad range of temperatures	2.0	0.05	65.0	17.8	Short term 250°F (121°C) Long term 140°F (60°C)
ATA400	Glass filled 4 mil acrylic transfer tape; provides good shear and excellent adhesion for lamination, mounting, and splicing a variety of materials in a broad range of temperatures	4.0	0.10	87.0	23.8	Short term 250°F (121°C) Long term 140°F (60°C)
ATG160	Reverse wound 1.6 mil glass-filled acrylic adhesive; provides high shear and excellent adhesion for industrial, commercial and consumer mounting and splicing; ISO 18916 Photo Safe; tape gun compatible	1.6	0.04	40.0	10.9	Short term 250°F (121°C) Long term 140°F (60°C)
ATG500	Glass filled 5 mil acrylic transfer tape; provides good shear and excellent adhesion for lamination, mounting, and splicing a variety of materials, including LSE substrates, in a broad range of temperatures	4.9	0.122	73.0	20.0	230°F (110°C)



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.

NORTH AMERICA

- | | | |
|----------------------|-------------------|--------------------|
| 1. Ansonia, CT | 8. Carlstadt, NJ | 14. Everetts, NC |
| 2. Atlanta, GA | 9. Carrollton, TX | 15. Marysville, MI |
| 3. Bardstown, KY (2) | 10. Chicago, IL | 16. Menasha, WI |
| 5. Blythewood, SC | 11. Corona, CA | 17. Midland, NC |
| 6. Brighton, CO | 12. Cornwall, ON | 18. Montreal, QC |
| 7. Carbondale, IL | 13. Danville, VA | 19. Sarasota, FL |

EUROPE

- | | |
|---------------------|------------------------|
| 20. Schaumburg, IL | 25. Flensburg, Germany |
| 21. Springfield, OH | 26. Porto, Portugal |
| 22. Toronto, ON | 27. Soest, Germany |
| 23. Tremonton, UT | 28. Widnes, UK |
| 24. Truro, NS | |

ASIA

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|--------------------------|
| 29. Chopanki, India |
| 30. Daman, India |
| 31. Dahej, India |
| 32. Jiangmen City, China |
| 33. Karoli, India |

