I.S. EN ISO 9001:2008

Specialty Tapes

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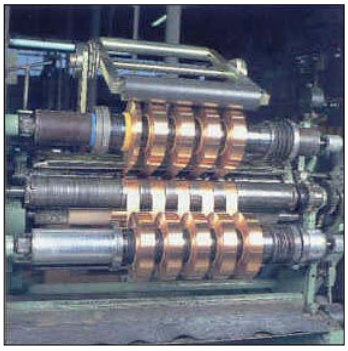
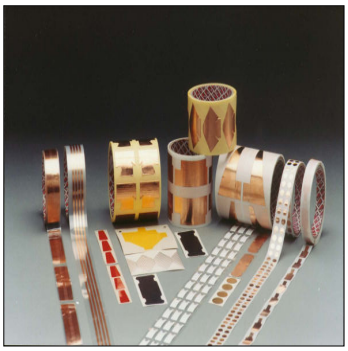
A Brand Of Quality To Rely On…

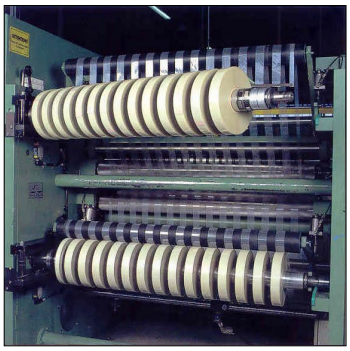


PPI ADHESIVE PRODUCTS LIMITED was originally established in 1970 and commenced production at Waterford Industrial Estate in 1971.

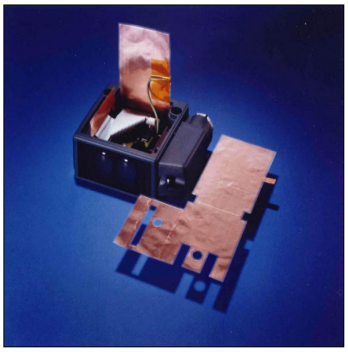
The company, which is owned and managed by its Irish board of directors, produces a very extensive and sophisticated range of technical self-adhesive tapes for a very wide range of applications, notably in the electrical, electronic, audio/video, magnetic media, aerospace and photographic sectors. In addition the company produces a wide range of tapes for specialised industrial and high-tech applications.



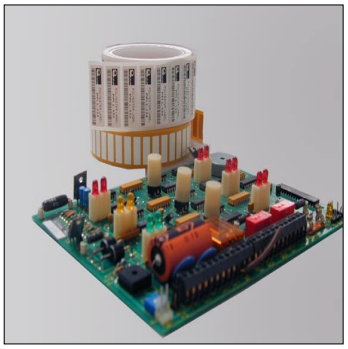
PPI products are exported to more than forty countries worldwide and are approved by many of the leading multinational companies in the above-mentioned industries. The products meet most of the major international standards, eg. EN, VDE, DIN, BSS, IEC, ASTM, UL, MIL, AFERA and CEN and the company is registered under the I.S. EN ISO 9001 quality system.

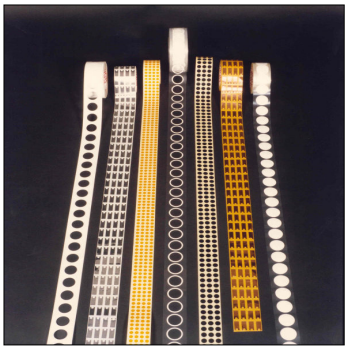


PPI Adhesive Products Ltd. has two production facilities in Ireland and maintains its own PPI sales companies in Germany, Hong Kong, Korea, Malaysia, Singapore, Slovakia, South Africa, UAE (Dubai), UK and USA. The company is also represented worldwide by PPI authorised distributors. Other manufacturing companies within the group include Technical Adhesive Products Ltd., a producer of precision die-cut self-adhesive components for electrical, electronic and general industrial applications and Valentia Industries Ltd. which is a quality producer of siliconised release films. The company maintains its own independent Research and Development company, also based in Waterford.



PPI ADHESIVE PRODUCTS LTD.
OVER 30 YEARS OF COMMITMENT
TO QUALITY & INNOVATION





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Splicing Tapes for the Manufacture of Floor Coverings

PRESSURE SENSITIVE

PPI 731

Adhesive coating:	Single sided
Base:	Creped paper
Total thickness:	0.230mm (9 mil)
Adhesive strength:	5.5 N/cm (50 oz/in)
Tensile strength:	30 N/cm (17lbs/in)
Adhesive:	Acrylic resin

A single-sided pressure sensitive tape **combining high temperature** (ca. 220°C/428°F) **and high shear resistance.** PPI 731 is ideally suited for butt splicing a variety of substrates (e.g. Non-Wovens and coated fabrics). Its adhesive also possesses **excellent PVC plasticiser resistance** and as a result PPI 731 has been widely accepted as a high quality splicing tape, particularly in the PVC Floor Covering Manufacturing Industry.

PPI RD-289A

Adhesive coating:	Double sided
Base:	Non-woven Cellulose
Total thickness:	0.190mm (7.5 mil)
Adhesive strength:	12 N/cm (108 oz/in)
Adhesive:	Acrylic resin
Interliner:	Silicone paper

A high-tack, double sided tape with a special fleece reinforcement. PPI RD-289A is coated with an acrylic adhesive which combines excellent adhesion to a wide range of surfaces (e.g. Metals & Plastics), with very good **long-term UV and age resistance.** Ideal for general purpose mounting and splicing applications (e.g. Splicing of glass fibre mat used in the production of floor coverings). Maximum temperature resistance 160°C (320°F).

PPI RD-594

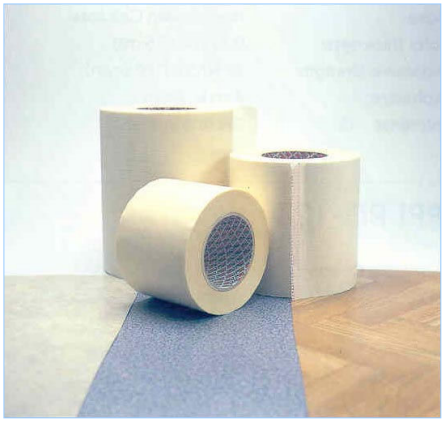
Supporting base:	Siliconised paper
Total thickness:	0.065mm (2.6 mil) 0.100mm (4.0 mil) 0.230mm (8.6 mil)
Adhesive:	Heat activated/ Heat curing
Colour:	Natural

PPI RD-594 is a layer of **dry, heat-activated, heat curing adhesive** suitable for **overlap splicing** of various materials including heavy gauge woven fabrics (e.g. Jute for carpet manufacture, glass fabrics etc.) RD-594 is supplied on a siliconised paper interliner. Heat activation of the adhesive will form **high shear strength bonds** which can be improved upon curing of the adhesive. Recommended activation conditions range from 10-30 seconds at 180-230°C

PPI RD-685

Supporting base:	Siliconised paper
Total thickness:	0.065mm (2.6 mil) 0.100mm (4.0 mil) 0.200mm (8.0 mil)
Adhesive:	Heat activated/ Heat curing
Colour:	Natural

PPI **RD-685** is almost identical in construction to RD-594. However, upon curing of the adhesive, the bond will exhibit superior resistance to certain solvents e.g. acetone.



PPI SP-2166

Adhesive coating:	Single sided
Supporting base:	Crepe paper/Glasscloth
Total thickness:	0.300mm (12 mil)
Tensile strength:	200 N/cm (115 lbs/in)
Adhesive:	Heat activated/ Heat curing

SP-2166 is based on a crepe paper/glass fabric reinforcement which is coated on one side with a heat activated, heat curing adhesive. The product is ideal for **butt splicing** of woven and non-woven substrates used during the manufacture of floor coverings. SP-2166 **exhibits high tensile strength** due to the glass fabric reinforcement.

Splicing Tapes for Industrial Use

PPI 105

Adhesive coating:	Single sided
Base:	Polyester film
Total thickness:	0.055mm (2 mil) 0.065mm (2.5 mil) 0.080mm (3 mil)
Adhesive strength:	3.4 N/cm (30.5 oz/in)
Tensile strength:	40 N/cm (23 lbs/in) 60 N/cm (34.5 lbs/in) 80 N/cm (46 lbs/in)
Adhesive:	Polysiloxane
Colour:	Colourless

A tear resistant splicing tape based on durable polyester film. It is recommended for splicing of **silicone coated papers and films**. It possesses **excellent high temperature shear and age resistance** and will maintain its adhesion to silicone surfaces up to 200°C (392°F), short time exposure.

Note: *For easy identification of the splice, a colour version of PPI 105 is available. Ref: PPI 106*

PPI SP-459

Adhesive coating:	Single sided
Base:	Polyester film
Total thickness:	0.060mm (2.5 mil) 0.070mm (3 mil)
Adhesive strength:	4.5 N/cm (41 oz/in)
Tensile strength:	40 N/cm (23 lbs/in) 60 N/cm (34.5 lbs/in)
Adhesive:	Polysiloxane
Colour:	Colourless, Blue and Red Transparent

Silicone adhesive based splicing tape specially formulated to give very **high initial grab** to silicone surfaces. It is particularly suited to splicing of siliconised papers and films where high initial adhesion and good shear are required. For example, in siliconising processes with very short splice times. Temperature resistant up to 180°C (356°F).

PPI SP-459-S6 *is supplied on an interliner. The reverse side of the tape has been coated with a release coating to provide a continuous release over the splice area.*

PPI RD-678

Adhesive coating:	Single sided
Base:	Polyester film
Total thickness:	0.070mm (2.8 mil) 0.085mm (3.4 mil)
Adhesive strength:	3.5 N/cm (31.5 oz/in)
Tensile strength:	60 N/cm (34.5 lbs/in) 80 N/cm (46.0 lbs/in)

RD-678 is a self wound version of SP-459-S6. The reverse side of the tape has been coated with a special high quality release designed to release all materials including silicones. Used for splicing master rolls of silicone paper which will be later used in the manufacture of leatherette products.

PPI RD-203E

Adhesive coating:	Single sided
Base:	Polyester film
Total thickness:	0.125mm (5 mil)
Adhesive strength:	18 N/cm (162 oz/in)
Tensile strength:	80 N/cm (46 lbs/in)
Adhesive:	Synthetic rubber
Interliner:	Silicone paper

PPI RD-203E adhesive has been specifically formulated to achieve **maximum shear and adhesion.** The adhesive will also adhere aggressively to both metal and plastic surfaces including the "difficult to adhere to" plastics such as **polypropylene and polyethylene**. Therefore, the tape has been approved for many niche applications where standard adhesives are unsatisfactory. One such application is for the splicing of draught excluders in the automotive industry. Maximum temperature resistance 130°C (266°F).

PPI 1040

Adhesive coating:	Single sided
Base:	Polyester film
Total thickness:	0.050mm (2 mil)
Adhesive strength:	2.5 N/cm (22.5 oz/in)
Tensile strength:	40 N/cm (23 lbs/in)
Elongation:	80-120%
Adhesive:	Acrylic resin
Colour:	Yellow

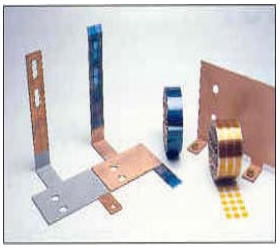
A splicing tape with a high shear acrylic adhesive **PPI 1040** is suitable for all general purpose splicing of paper or plastic substrates. The adhesive **combines excellent UV, solvent and age resistance, with a temperature resistance** of 160° (320°F) maximum. Applications include the splicing of polyester film during the coating of audio-video magnetic tape.

MASKING TAPES

- **POWDER COATING**
- **GENERAL APPLICATIONS**
- **PLASMA & HVOF SPRAYING**

PPI SP-510

Adhesive coating:	Single sided
Base:	Polyester film
Total thickness:	0.055mm (2 mil) 0.070mm (3 mil) 0.080mm (3.2 mil)
Adhesive strength:	2.0 N/cm (18 oz/in)
Tensile strength:	40 N/cm (23 lbs/in) 60 N/cm (34.5 lbs/in) 80 N/cm (46 lbs/in)
Adhesive:	Polysiloxane
Colour:	Colourless, Blue , Red



PPI SP-510 is recommended as a general purpose masking tape for **powder coating applications**. Available in a wide range of thicknesses, PPI SP-510 enables **fine line masking** to be achieved and leaves no adhesive residue when removed. Resists baking temperatures up to 200°C (392°F).

PPI 255

Adhesive coating:	Single sided
Base:	Creped paper
Total thickness:	0.14mm (5.5 mil)
Adhesive strength:	2.0 N/cm (18 oz/in)
Tensile strength:	35 N/cm (20 lbs/in)
Adhesive:	Polysiloxane

Based on an impregnated paper backing, PPI 255 is ideal for **masking irregular surfaces**. The paper backing is highly conformable and resists baking temperatures up to 200°C (392°F). The tape will leave no adhesive residue upon removal.

PPI RD-714

Adhesive coating:	Single sided
Base:	Polyester film
Total thickness:	0.160mm (5.4 mil) 0.185mm (6.4 mil)
Adhesive strength:	3.0 N/cm (27 oz/in)
Tensile strength:	65 N/cm (37.5 lbs/in) 80 N/cm (46 lbs/in)
Adhesive:	Polysiloxane
Colour:	Amber

PPI RD-714 is based on a highly comformable yet high heat resistance reinforced polyester film construction. This, in combination with a high quality silicone adhesive layer, ensures perfect masking of a wide variety of surfaces even after exposure to temperatures up to 200°C. RD-714 is particularly suitable for direct masking onto powder-coated surfaces for multi-layer coating applications.

PPI SP-139

Adhesive coating:	Single sided
Base:	Polyester film
Total thickness:	0.040mm (1.5 mil) 0.070mm (3 mil)
Adhesive strength:	2.5 N/10cm (9 oz/4 in)
Tensile strength:	40 N/cm (23 lbs/in) 80 N/cm (46 lbs/in)
Adhesive:	Acrylic resin

Based on a **silicone free adhesive**. PPI SP-139 is suitable for masking and surface protection applications. For example, the protection of metal plates or PC boards during storage or transportation. It can be cleanly removed from any surface without adhesive residue. It has been approved for several niche applications, for example, as a powder coat masking tape for bus-bars used in transformer manufacture. It resists temperatures up to 180°C (356°F) short term.
Note: Other thicknesses and colours are available.

PPI 904-6

Adhesive coating:	Single sided
Base:	Aluminium film
Total thickness:	0.130mm (5 mil)
Adhesive strength:	45 N/cm (41 oz/in)
Tensile strength:	75 N/cm (43 lbs/in)
Adhesive:	Acrylic resin
Interliner:	Silicone paper

A masking tape with applications in both painting And paint stripping operations. The aluminium foil backing provides **excellent surface conformability and impermeability to moisture and aggressive chemicals.** Therefore, it is unaffected by exposure to paint or paint stripping chemicals. PPI 904-6 has found widespread acceptance in a number of repair/maintenance applications, particularly in aircraft maintenance.
Note: PPI RD-424B is a self wound version of PPI 904-6

PPI 701

Adhesive coating:	Single sided
Base:	Polyimide film
Total thickness:	0.055mm (2 mil) 0.080mm (3.2 mil)
Adhesive strength:	2.0 N/cm (18 oz/in)
Tensile strength:	50 N/cm (28 lbs/in) 100 N/cm (56 lbs/in)
Adhesive:	Polysiloxane

PPI 701 is based on polyimide film with a special silicone adhesive. It possesses the **highest heat resistance** of all the film based PPI powder coating masking tapes. Even after extreme baking conditions (300°C/572°F for 1 hour), the adhesive will still maintain its adhesion and flexibility. This combination ensures perfect masking of a wide variety of surfaces. PPI 701 can be removed after baking with no adhesive residue.

PPI 9815

Adhesive coating:	Single sided
Base:	Aluminium foil/glasscloth
Total thickness:	0.15mm (6 mil)
Adhesive strength:	4.2 N/cm (38 oz/in)
Tensile strength:	200 N/cm (115 lbs/in)
Adhesive:	Polysiloxane

A combination of aluminium foil with glasscloth, the aluminium surface **reflects radiant heat** while the glasscloth reinforcement provides **very high tensile strength.** Applications include masking during plasma spraying. Short term heat resistance up to 600°C (1112°F).

PPI 8415

Adhesive coating:	Single sided
Base:	Glasscloth
Total thickness:	0.155mm (6 mil)
Adhesive strength:	4.0 N/cm (36 oz/in)
Tensile strength:	250 N/cm (140 lbs/in)
Adhesive:	Polysiloxane
Colour:	White

PPI 8415 is based on glasscloth coated with a polysiloxane adhesive. The glasscloth substrate provides **excellent tensile and high temperature properties**.
The polysiloxane adhesive also possesses very good **high temperature stability**.It is recommended for all specialist applications (masking, protecting) which require exceptional heat resistance (e.g. **plasma spray welding**).

PPI RD-692

Adhesive coating:	Single sided
Base:	Glasscloth
Total thickness:	0.185mm (7.5 mil)
Adhesive strength:	4.5 N/cm (41 oz/in)
Tensile strength:	250 N/cm (140 lbs/in)
Adhesive:	Polysiloxane
Colour:	White

RD-692 is a high tack version of PPI 8415. Due to its high performance adhesive, RD-692 is recommended for use in specialist applications where good initial grab/adhesion to difficult surfaces and materials is required. RD-692 has exceptional heat resistance and is used for plasma spray.

PPI 8416

Adhesive coating:	Double sided
Base:	Glasscloth
Total thickness:	0.120mm (5.0 mil)
Adhesive strength:	5.0 N/cm (45 oz/in)
Tensile strength:	170 N/cm (98 lbs/in)
Adhesive:	Polysiloxane
Liner:	Siliconised polyester

PPI 8416 is a high temperature resistant double sided tape based on glasscloth which is coated on both sides with a polysiloxane adhesive. This combination makes PPI 8416 particularly suitable for high temperature plasma spray masking, laminating and mounting applications. Short term heat resistance up to 400°C.

PLASMA SPRAYING

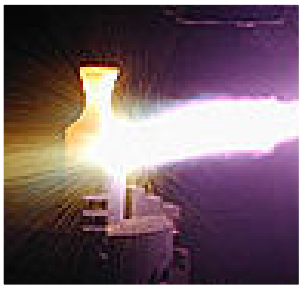
PPI LM-745

Adhesive coating:	Single sided
Base:	Glasscloth
Total thickness:	0.325mm (13 mil)
Adhesive strength:	4.5 N/cm (40.5 oz/in)
Adhesive:	Polysiloxane
Colour:	White

PPI LM-681

Adhesive coating:	Single sided
Base:	Glasscloth
Total thickness:	0.500mm (20.0 mil)
Adhesive strength:	4.5 N/cm (40.5 oz/in)
Adhesive:	Polysiloxane
Colour:	White

LM-745 and **LM-681** are unique layered laminates of glassfabric coated on one side with high performance polysiloxane adhesive. The products are designed for use as masking tapes for the plasma spray industry and have been designed to reduce masking times in applications where it is necessary to apply several layers of tape to provide the desired level of protection to the part . The products are very durable and resistant to grit blasting processes associated with plasma spraying, while remaining quite conformable. LM-745 & LM-681 have received approvals from several leading aircraft engine repair facilities.



PPI LM-743

Adhesive coating:	Single sided
Base:	Glasscloth/copper foil laminate
Total thickness:	0.560mm (22.4 mil)
Adhesive strength:	4.5 N/cm (40.5 oz/in)
Adhesive:	Polysiloxane
Colour:	Light pink

LM-744

Adhesive coating:	Single sided
Base:	Glasscloth/copper foil laminate
Total thickness:	0.580mm (23.2 mil)
Adhesive strength:	4.5 N/cm (40.5 oz/in)
Adhesive:	Polysiloxane
Colour:	Light pink

LM-743 and **LM-744** have been designed specifically as masking tapes for HVOF (High Velocity Oxygen Fuel) masking processes. Due to their unique glass fabric/metal foil construction, both of these tapes are very conformable and malleable. Therefore they are ideal for masking irregular shapes under extreme processing conditions associated with HVOF spraying. In addition, their robust constructions ensure that the products can withstand even the most vigorous grit blasting processes.

PPI LM-766

Adhesive coating:	Single sided
Base:	Glasscloth/Aluminium
Total thickness:	0.325mm (13 mil)
Adhesive strength:	6.0 N/cm (54oz/in)
Adhesive:	Polysiloxane
Colour:	White
Interliner:	Polyester release film

LM-766 is a very robust product based on a laminate of **thick aluminium foil** combined with **glassfabric** and high temperature resistant silicone adhesive. Due to this laminate construction the tape is a very rigid product and can withstand the most vigorous grit blasting associated with the thermal spray industry.

Composite / Aerospace Tapes

PPI 1022

Adhesive coating:	Single sided
Base:	Polyester film
Total thickness:	0.060mm (2.4mil)
Adhesive strength:	3.0N/cm (27oz/in)
Tensile strength:	40N/cm (23lbs/in)
Adhesive:	Polysiloxane
Colour:	Blue & transparent

PPI 1022 is a polyester film based tape with a silicone adhesive, which has excellent temperature stability and long-term removability even after heat exposure. It is widely used as a wrapping / holding tape, securing the bag and other components onto the mould during the **vacuum bagging process**. Upon cooling, it can be rapidly removed without adhesive residue thus ensuring no delays in the production process, even after exposure to temperature in the region of 180° C for periods of 16 hours.

PPI 645

Adhesive coating:	Single sided
Base:	Crepe paper
Total thickness:	0.200mm (8.0mil)
Adhesive strength:	4.5 N/cm (40.5oz/in)
Tensile strength:	40 N/cm (23lbs/in)
Adhesive:	Special
Colour:	Buff

PPI 645 is a paper based paint masking tape suitable for general and elevated temperature masking applications. It is hand tearable, easy to apply and can be used in applications where temperatures of up to 260 deg. C / short term can exist. This tape is suitable as a **paint masking** medium on aluminium and steel components of **aero engines**.

PPI SP-459

Adhesive coating:	Single sided
Base:	Polyester film
Total thickness:	0.060mm (2.4mil)
Adhesive strength:	3.5N/cm (31.5oz/in)
Tensile strength:	40 N/cm (23lbs/in)
Adhesive:	Polysiloxane
Colour:	Blue, colourless & black

PPI SP-459 is based on a polyester film coated with a high tack good adhesion silicone adhesive layer. It can be found in two distinctive applications in the composite manufacturing industry.

PPI SP-459 is used during the painting process where its superior chemical resistance to solvents and its residue free removability make it an ideal **fine line masking tape**. Alternatively it can be used as a **mould gap covering tape**. To simplify the production of larger composite parts (boats, etc), the moulds tend to come in sections which are bolted together to produce the final mould shape.
Where gaps exist between the mould sections PPI SP-459 is used to provide a gap cover and seamless surface finish.

In addition to these tapes used in the composite industry, Valentia Industries Ltd. (part of the PPI group of companies) produces a comprehensive range of release films. These offer excellent release over a wide temperature range from pre-pegs and other such heat activated adhesive composite systems.

Laminating & Mounting Tapes

PPI RD-289A

Adhesive coating:	Double sided
Base:	Non-woven cellulose
Total thickness:	0.19mm (7.5 mil)
Adhesive strength:	12 N/cm (108 oz/in)
Adhesive:	Acrylic resin
Interliner:	Silicone paper

PPI RD-289A is a very **high tack double-sided tape** based on a non-woven cellulose fleece. This tape is ideal for those mounting or laminating applications where instant adhesion is required. The adhesive has very good **long-term resistance against UV and moisture exposure** and has excellent adhesion to metal and plastic surfaces.

PPI RD-365A

Adhesive coating:	Double sided
Base:	Polyester film
Total thickness:	0.130mm (5 mil) 0.250mm (10 mil)
Adhesive strength:	8.0 N/cm (72 oz/in)
Tensile strength:	40 N/cm (23 lbs/in) 80 N/cm (46 lbs/in)
Adhesive:	Acrylic resin
Interliner:	Silicone paper

PPI-RD-365A is a double-sided self-adhesive tape based on polyester film that exhibits very high tack and high adhesion. The tape has a initial adhesion to metal and plastic surfaces. It will rapidly build up its own adhesion to a surface and within minutes it will prove impossible to remove without destroying the tape. Applications include mounting, laminating and vibration reduction for both smooth and rough surfaces. It is resistant to motor fuels and light motor oils. Temperature resistant up to 130°C (266°F).
Note: Other thicknesses available on request

PPI RD-697

Adhesive coating:	Double sided
Base:	Polyester film
Total thickness:	0.175mm (7.0 mil)
Adhesive strength:	12.0 N/cm (108 oz/in)
Adhesive:	Acrylic resin
Tensile strength:	40 N/cm (23 lbs/in)
Interliner:	Silicone paper

A double-sided polyester based tape that combines both high adhesive strength and excellent **high temperature shear strength**. RD-697 exhibits excellent adhesion to a variety of substrates, and is particularly suitable for permanent bonding of metals and glass.

PPI RD-697C

Adhesive coating:	Double sided
Base:	Polyester film
Total thickness:	0.072mm (3.0mil)
Adhesive strength:	4.5N/cm (40.5oz/inch)
Tensile strength:	25N/cm (14lbs/inch)
Interliner:	Silicone paper

RD-697C is a thinner version of RD-697 yet still has possesses all the excellent adhesion properties of RD-697. Based on a very thin polyester film this product can be used where total thickness of the bonded materials is critical.

PPI RD-172

Adhesive coating:	Double sided
Base:	Polyester film
Total thickness:	0.120mm (5 mil)
Adhesive strength:	
Low tack side:	1.4 N/cm (12.5 oz/in)
High tack side:	6 N/cm (54 oz/in)
Tensile strength:	60 N/cm (34.5 lbs/in)
Adhesive:	Acrylic resin
Colour:	Colourless
Interliner:	Silicone paper

A **differential adhesive strength**, double sided tape. The low tack, low adhesion side allows mounting of the tape to metal, plastic or glass and even after long term aging the tape can be cleanly removed without adhesive residue. In contrast, the opposite side has very high adhesion and tack. PPI RD-172 is used in temporary mounting applications (e.g. photopolymer plate mounting on foam coated sleeves for printing processes).

PPI RD-421

Adhesive coating:	Double sided
Base:	Polyester film
Total thickness:	0.175mm (7.0 mil)
Adhesive strength:	9.0 N/cm (81 oz/in)
Tensile strength:	40 N/cm (23 lbs/in)
Adhesive:	Synthetic rubber
Interliner:	Silicone paper

PPI RD-421 is suitable for mounting, splicing and bonding of paper, metal and plastic surfaces. Because of its high adhesion **rubber based adhesive** PPI RD-421 is particularly suitable for bonding to low energy surface plastics e.g. polyethylene

PPI RD-449

Adhesive coating:	Double sided
Base:	Polyester film
Total thickness:	0.075mm (3.0mil)
Adhesive:	Acrylic / Silicone
Adhesive strength:	
Acrylic side:	3.5N/cm (31.5oz/in)
Silicone side:	4.0N/cm (36.0oz/in)
Tensile strength:	40N/cm (lbs/in)
Colour:	Colourless
Interliner:	Silicone paper/ E-liner

RD-449 is based on a polyester film coated on one side with an acrylic adhesive and the opposite side with a silicone based adhesive. This product is designed for bonding silicone rubber based membrane switches that are normally very hard to adhere to due to their silicone rubber structure. The silicone adhesive side bonds very well to this material and the acrylic adhesive side readily bonds to the rigid polyester film. The **RD-449 series** is available with many types of interliner options to facilitate die cutting requirements and various application techniques. **Other thicknesses available**

PPI RD-577F

SILICONE TRANSFER ADHESIVE

Adhesive coating:	Transfer adhesive
Base Carrier:	Polyester release film
Adhesive thickness:	0.050mm (2.0mil)
Adhesive strength:	3.5 N/cm (31.5oz/in)
Adhesive:	Polysiloxane
Protective Interliner:	Silicone paper

PPI RD-577F is based on a layer of silicone transfer adhesive supplied on a polyester release film. This product can be used for special bonding, laminating and mounting applications that require high temperature resistance. The silicone adhesive also exhibits excellent bonding to silicone-based substrates.

PPI RD-852

Adhesive coating:	Double sided
Base:	Metalised Polyester
Total thickness:	0.060mm (2.4mil)
Adhesive strength:	
Black side:	4.5 N/cm (40.5 oz/in)
Transparent side:	0.8 N/cm (7.2 oz/in)
Tensile strength:	40N/cm (23 lbs/in)
Adhesive:	Acrylic resin
Interliner:	Polyester release film

PPI RD-852 is a special differential adhesion product which has been designed to mount thin gasket surrounds onto **mobile phone LCD's**. The black opaque adhesive enhances the backlighting within the LCD.

PPI RD-830A

Adhesive coating:	Double sided
Base:	Polyester
Total thickness:	0.145 mm (5.8mil)
Adhesive strength:	3.5 N/cm (31.5 oz/in)
Tensile strength:	40 N/cm (23 lbs/in)
Adhesive:	Polysiloxane
Interliner:	Corrugated film liner

PPI RD-830A is based on polyester film coated on both sides with a layer of silicone adhesive. This product is particularly suitable for **bonding silicone rubber sheets and profiles**.

PPI DBT-065

Adhesive coating:	Transfer adhesive
Base Carrier:	Silicone paper
Adhesive thickness:	0.065mm (2.6mil)
Adhesive strength:	4.5 N/cm (40.5oz/in)
Adhesive:	Modified Acrylic

PPI DBT-065 is based on a layer of transfer adhesive used for permanent bonding and laminating applications for a wide variety of materials, including nameplates, membrane switches, PCB assemblies and all general fixing applications. **Available in thicker version: PPI DBT-135 - 0.135mm (5.4mil)**

Teflon & Teflon® Glasscloth Tapes

PPI 751

Adhesive coating:	Single sided
Base:	Teflon® PTFE
Total thickness:	0.08mm (3 mil)
Adhesive strength:	2.5 N/cm (23 oz/in)
Tensile strength:	15 N/cm (9 oz/in)
Adhesive:	Polysiloxane

PPI 751 is based on a Teflon® (PTFE) film coated with a silicone adhesive. The PTFE backing has very good flexibility with both **exceptional chemical resistance and excellent releasing properties.** Ideally suited to applications that require low friction/easy release. Examples include roller wrapping and release surfaces on heat-sealing equipment. It can operate at temperatures up to 200°C (392°F) with a short-term heat resistance up to 260°C (500°F).

PPI 752

Adhesive coating:	Single sided
Base:	Teflon® PTFE
Total thickness:	0.15mm (6 mil)
Adhesive strength:	3.2 N/cm (29 oz/in)
Tensile strength:	50 N/cm (28 lbs/in)
Adhesive:	Polysiloxane

A **thicker version** of the PPI 751 with all of the same chemical and heat resistance properties.

PPI 761

Adhesive coating:	Single sided
Base:	Teflon® - Glasscloth
Total thickness:	0.160mm (6.5 mil)
Adhesive strength:	4 N/cm (36 oz/in)
Tensile strength:	240 N/cm (135 lbs/in)
Adhesive:	Polysiloxane
Interliner:	Corrugated PVC

A high quality Teflon® (PTFE) coated glass-fabric with a silicone adhesive. The non-stick PTFE backing resists salts, acids and solvents. **PPI 761** can operate at temperatures up to 260°C (500°F) and possesses high mechanical strength due to the glass-fabric reinforcement. It is recommended for all specialist applications (e.g. masking, protecting) that require **exceptional heat or chemical resistance.** PPI 761 provides a non-stick surface for many applications (e.g. release surface on heat sealing/plastic welding equipment).

PPI 762

Adhesive coating:	Single sided
Base:	Teflon® - Glasscloth
Total thickness:	0.14mm (5.5 mil)
Adhesive strength:	5 N/cm (45 oz/in)
Tensile strength:	80 N/cm (46 lbs/in)
Adhesive:	Polysiloxane
Interliner:	Corrugated PVC

A **thinner version** of PPI 761 with all of the same chemical and heat resistance properties. It is more suited to applications where the tape must cover curved or irregularly shaped surfaces.

PPI 7510

Adhesive coating:	Single sided
Base:	Teflon® PTFE
Total thickness:	0.08mm (3 mil) 0.175mm (7.0mil)
Adhesive strength:	2.5 N/cm (23 oz/in) 3.5 N/cm (32.5 oz/in)
Tensile strength:	15 N/cm (9 oz/in) 50 N/cm (28 oz/in
Adhesive:	Acrylic

PPI 7510 is based on a Teflon® (PTFE) film coated with a permanent bonding acrylic adhesive. This product is widely used in packaging applications to provide a low friction surface on transport guide rails. Also suitable for high-temperature insulation.

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Tapes for Metal Treatment Processes

PPI 106

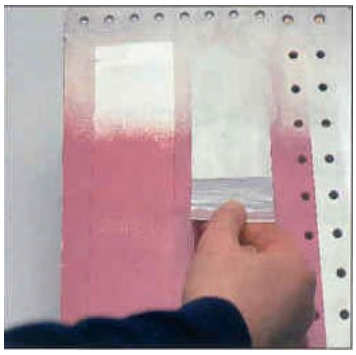
Adhesive coating:	Single sided
Base:	Polyester film
Total thickness:	0.055mm (2 mil) 0.065mm (2.5 mil) 0.080mm (3 mil)
Adhesive strength:	3.2 N/cm (31 oz/in)
Tensile strength:	40 N/cm (23 lbs/in)
Adhesive:	Polysiloxane
Colour:	Blue & Red

Based on polyester film that combines very good **flexibility and surface conformability**, **PPI 106** is recommended for several masking applications. One such application is in the masking of the metal panels during electro-less nickel plating. Both film and adhesive are unaffected by exposure to aggressive plating chemicals and the tape can be removed after plating without leaving any adhesive residue.

PPI 904

Adhesive coating:	Single sided
Base:	Aluminium foil
Total thickness:	0.130mm (5.2 mil)
Adhesive strength:	4.5 N/cm (40.5 oz/in)
Tensile strength:	75 N/cm (43 lbs/in)
Adhesive:	Acrylic resin

An aluminium foil-based tape, **PPI 904** is recommended for masking of **steel/aluminium** panels during hard-chrome plating processes. It is resistant to a wide range of aggressive electroplating chemicals.



PPI SP-661

Adhesive coating:	Single sided
Base:	Polyester film
Total thickness:	0.035mm (1.4 mil) 0.046mm (1.8 mil)
Adhesive strength:	1.0 N/10cm (3.6oz/4 in)
Tensile strength:	40 N/cm (23 lbs/in) 60 N/cm (34.5 lbs/in)
Adhesive:	Acrylic resin
Colour:	Colourless & Blue

PPI SP-661 is based on a polyester film coated with a stable low tack acrylic adhesive. This product can be used to protect and mask **anodised aluminium surfaces** and components during paint spraying process. PPI SP-661 is also available in coloured format to enable easy identification of the masking tape for removal.

PPI SP-510

Adhesive coating:	Single sided
Base:	Polyester film
Total thickness:	0.055mm (2 mil) 0.070mm (3 mil) 0.080mm (3.2 mil)
Adhesive strength:	2.0 N/cm (18 oz/in)
Tensile strength:	40 N/cm (23 lbs/in) 60 N/cm (34.5 lbs/in) 80 N/cm (46 lbs/in)
Adhesive:	Polysiloxane
Colour:	Colourless, Blue & Red

PPI SP-510 is based on polyester film coated with a high temperature resistant silicone adhesive. This product is designed to exhibit very good adhesion properties, good temperature resistance and also remain residue free on removal, making it an ideal choice for masking protection applications.

METAL TAPES

PPI 902

Adhesive coating:	Single sided
Base:	Aluminium foil
Total thickness:	0.065mm (2.5 mil)
Adhesive strength:	4.5 N/cm (41 oz/in)
Tensile strength:	25 N/cm (14 lbs/in)
Adhesive:	Acrylic resin

PPI 901 **-** *Thinner version of 902*
PPI 903 **-** *Thicker version of 902*
PPI 904 **-** *Thickest version*

PPI 902 is an **aluminium foil** based tape, which is suitable for a variety of applications. These include **duct sealing**, masking during paint stripping operations and as a barrier tape for metal joints and patches. It has **excellent moisture, heat and aging resistance**. PPI 902 can also be recommended for use as a heat and light deflection tapes for cables and light sources.
Note: PPI 9015 is similar to PPI 902 but it has an electrically conductive adhesive

PPI 9115

Adhesive coating:	Single sided
Base:	Copper foil
Total thickness:	0.060mm (2.5 mil)
Adhesive strength:	4.5 N/cm (41 oz/in)
Tensile strength:	40 N/cm (23 lbs/in)
Adhesive:	Electrically conductive acrylic

A copper foil coated with an **electrically conductive adhesive.** The tape is primarily used to shield and ground enclosures or to provide static charge drainage. It is also used in automobile crash testing to apply sensors to test points. Available in a wide range of thicknesses and die-cut formats.

PPI RD-384

Adhesive coating:	Single sided
Base:	Copper foil
Total thickness:	0.060mm (2.5 mil)
Adhesive strength:	4.5 N/cm (41 oz/in)
Tensile strength:	40 N/cm (23 lbs/in)
Adhesive:	Electrically conductive acrylic

PPI RD-384 is similar in construction to PPI 9115 but possesses superior adhesion due to its thicker adhesive layer. RD-384 is also electrically conductive and is suitable for EMI/RFI shielding of cables, cabinets and devices.

PPI 9515

Adhesive coating:	Single sided
Base:	Tin-Clad Copper foil
Total thickness:	0.060mm (2.5 mil)
Adhesive strength:	4.5 N/cm (41 oz/in)
Tensile strength:	40 N/cm (23 lbs/in)
Adhesive:	Electrically conductive Acrylic

PPI 9515 is based on **tin clad copper foil** coated with an electrically conductive adhesive. The tin layers provide improved solderability and corrosion resistance. Shielding of cables cabinets and devices.

PPI LM-394B - STRIP MASK

Adhesive coating:	Single sided
Base:	Copper foil
Total thickness:	0.060mm (2.5 mil)
Adhesive strength:	5.0 N/cm (45 oz/in)
Tensile strength:	55 N/cm (31 lbs/in)
Electrical resistance	
Through tape:	0.003 ohms
Interliner:	Siliconised paper

PPI LM-394B is based on tin clad copper foil tape coated with an **electrically conductive adhesive (PPI 9515-6)**. The uncoated face of the PPI 9515 is partially covered with a central strip of **blue coloured polyester masking tape.** LM-394B is recommended for applications in the manufacture of EMI/RFI shielded cabinets. During the assembly of these cabinets LM-394B is applied around the door panel. The completed cabinets are painted and then baked. The polyester masking tape is then removed leaving an exposed tin surface that provides a **conductive pathway** to the panel

LAMINATED TAPE PRODUCTS

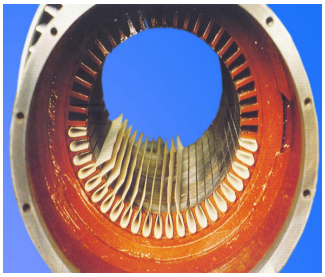
PPI SP-515

Adhesive coating:	Single sided
Base:	Nomex®/Glasscloth
Total thickness:	0.200mm (8.0 mil)
Adhesive strength:	2.5N/cm (23oz/in)
Adhesive:	Acrylic resin
Colour:	Natural

PPI SP-515 is based on **Nomex®** paper (0.050mm) laminated to **glasscloth** with acrylic adhesive on one side. This unique construction combines excellent high temperature stability with ideal mechanical strength and electrical properties. In addition, the high tack adhesive is resistant to a wide range of transformer oils/ fluids. PPI SP-515 has found widespread use as **core-layer and final insulation of coil.**

PPI SP-609

Adhesive coating:	Single sided
Base:	Nomex®/Glasscloth
Total thickness:	0.300mm (12mil)
Adhesive strength:	3.0 N/cm (27oz/in)
Adhesive:	Acrylic resin
Colour:	Natural



PPI SP-605 is a thicker version of the SP-515 product. SP-605 is based on a Nomex® (0.130mm) / glasscloth laminate and possesses superior dielectric strength & rigidity. PPI SP-609 is particularly suited for phase seperation and slot insulation in **high power motors and transformers**.

PPI SP-750C

Adhesive coating:	Single sided
Base:	Glasscloth/Polyester
Total thickness:	0.240mm (9.4 mil)
Adhesive strength:	4.0N/cm (36oz/in)
Adhesive:	Synthetic rubber
Colour:	White

PPI SP-750C is based on a glasscloth / polyester laminate coated with synthetic rubber adhesive.
This specific construction produces a final product that has high mechanical strength and electrical properties and good initial adhesion. PPI SP-750C can be found in many high dielectric applications e.g. insulation of inner housings for **automotive starters/induction coils**.

PPI Adhesive Products Ltd. manufactures specialised laminates (e.g. Metal foils with Nomex, Polyester and Polyimide films) and die-cut forms of all the products in the PPI range.

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Barcode Labelstock & Overlay Films

PPI L-133

Base:	Polyester film
Total thickness:	0.075mm (3.0 mil)
Adhesive strength:	4.0 N/cm (36 oz/in)
Adhesive:	Acrylic resin
Printable top coat colour:	White
Interliner:	Silicone paper

THERMAL TRANSFER PRINTING
PPI L-133 is based on a white printable polyester film. It is printable using a **wide range of thermal transfer ribbons.** It is temperature resistant up to 155oC (311oF) and will withstand exposure to a wide range of aqueous and organic based solutions. Applications include **barcode labelling** in the automotive and metal processing industries. It is also used in the labelling of electronic components.

PPI L-139A

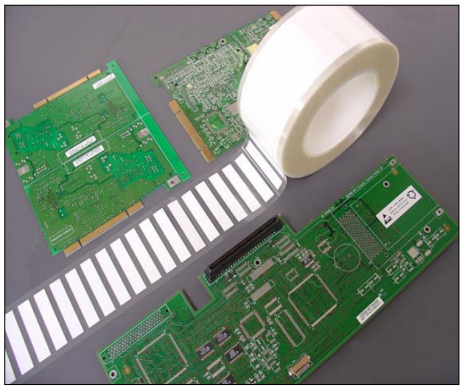
Base:	Polyimide film
Total thickness:	0.060mm (2.5 mil) 0.085mm (3.5 mil)
Adhesive strength:	2.5 N/cm (20 oz/in)
Adhesive:	Acrylic resin
Printable top coat colour:	White
Interliner:	Silicone paper

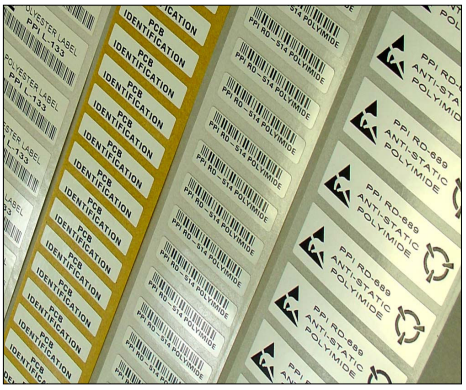
THERMAL TRANSFER PRINTING
PPI L-139A is based on polyimide film coated with a printable top coat. Printable with a **wide variety of thermal transfer ribbons,** PPI L-139A is also heat resistant up to 300°C (572°F), short term and can be immersed in molten solder without adverse effect. It is resistant to aqueous based cleaning fluid and fluxes. Applications include **PCB labelling** and the labelling of metal parts and panels during processing.

PPI RD-514

Base:	Polyimide film
Total thickness:	0.075mm (3.0 mil) 0.100mm (4.0 mil)
Adhesive strength:	2.5 N/cm (20 oz/in)
Adhesive:	Acrylic resin
Printable top coat colour:	White
Interliner:	Silicone paper

THERMAL TRANSFER PRINTING
Combining excellent high temperature resistance with exceptional resistance to a wide range of solvents, **RD-514** is recommended for all labelstock applications in extreme or harsh environments. It is unaffected by exposure to many organic solvents (e.g. motor fuels, organic cleaning solvents and wash solutions). With the recommended printer conditions and ribbons it can be easily printed using thermal transfer printing techniques. Suitable for similar applications to PPI L-139A, but recommended for those with more aggressive processing conditions **e.g PCB bottom side labelling.**





PPI Adhesive Products Limited offer precision die-cutting of all labelstock products to meet with your individual requirements

PPI RD-689

Base:	Polyimide film
Total thickness:	0.100mm (4.0 Mil)
Adhesive strength:	2.0 N/cm (18 oz/in)
Tensile strength:	100 N/cm (56 oz/in)
Adhesive:	Acrylic resin
Surface resistivity:	$10^4 – 10^5$ ohms/cm
Printable top coat colour:	White
Interliner:	Silicone paper

THERMAL TRANSFER PRINTING
RD-689 is based on polyimide film coated with a **static dissipative pressure sensitive adhesive** which has been designed for labelstock applications where static charge is critical.
RD-689 printable top coat has all the properties of the durable RD-514 labelstock making it extremely resistant to harsh environments.

PPI SP-2064

Base:	Polyester film
Total thickness:	0.065mm (2.6 mil)
Adhesive strength:	2.0N/cm (18oz/in)
Adhesive:	Acrylic resin
Printable top coat colour:	White
Interliner:	Silicone paper

THERMAL TRANSFER PRINTING
PPI SP-2064 is based on polyester film coated with a temperature resistant **printable coating** .
The opposite side of the tape is coated with a low adhesion acrylic adhesive.
SP-2064 is used for batch control and identification of audio/video master reels during slitting processes.

PPI SP-905-6F

Adhesive coating:	Single sided
Base:	Polyester film
Total thickness:	0.035mm (1.4 mil)
Adhesive strength:	2.0N/cm (oz/inch)
Tensile strength:	40 N/cm(23 lbs/inch)
Adhesive:	Polysiloxane
Colour:	Colourless
Interliner:	Release coated polyester

PPI SP-905-6F protective overlay tape is based on polyester film coated with a temperature resistant, **non-discolouring**, silicone based adhesive. In harsh environs, SP-905 can be applied over the entire surface of the printed label to **protect the critical information** on it from processing chemical washes or abrasion.
SP-905-6F is supplied on a polyester based interliner.

PPI OL-440

Adhesive coating:	Single sided
Base:	Polyimide film
Total thickness:	0.035mm (1.4mil)
Adhesive strength:	2.0 N/cm (18oz/inch)
Tensile strength:	50 N/cm (28 lbs/inch)
Adhesive:	Acrylic
Colour:	Amber

PPI OL-440 Is a high temperature protective overlay tape based on **polyimide film** coated with a permanent acrylic resin based adhesive. This product can be used to protect printed information on labels for bottom side labelling of printed circuit boards during reflow solder processing. Suitable for use up to 300^0C.

Note : PPI OL 440-6 is supplied on silicone paper interliner

MEDICARE RELATED PRODUCTS

PPI SP-280

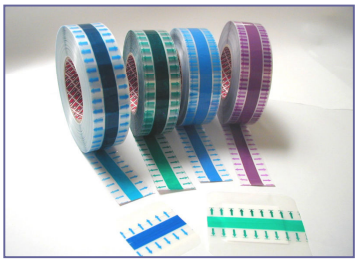
Adhesive coating:	Single sided
Base:	Polyester film
Total thickness:	0.055mm (2.2 mil)
Adhesive strength:	5.0N/cm (45 oz/in)
Tensile strength:	40 N/cm (23 lbs/in)
Elongation:	80-120%
Adhesive:	Acrylic
Colour:	Colourless

PPI SP-280 is a special polyester-based product coated on one side with a **hypoallergenic-based acrylic adhesive**. Designed for reinforcing colostomy pouches.

PPI SP-906

Adhesive coating:	Single sided/ Stripe coated
Base:	Polyester film
Total thickness:	0.050mm (2 mil)
Adhesive strength:	4.0 N/cm (36 oz/in)
Tensile strength:	40 N/cm (23 lbs/in)
Elongation:	80-120%
Adhesive:	Modified Acrylic
Available Colours:	Blue, Green, Yellow & Magenta
Standard widths:	
Polyester width:	40 mm
Adhesive width:	25 mm

PPI SP-906 is based on transparent polyester film coated with a stripe of adhesive centrally along its width. This product is used to construct colour-coded pull-tabs on **medical wound dressings** to facilitate the easy removal of interliners and carrier films.
The transparent edges of the polyester tape are usually printed with arrows to ensure easy handling and identification. Customised colours available on request.



PPI SP-2181

Adhesive coating:	Single sided
Base:	Polyester film
Total thickness:	0.145 mm (5.8 mil)
Adhesive strength:	4.0 N/cm (9 oz/in)
Tensile strength:	140 N/cm (79 lbs/in)
Elongation:	80-120%
Adhesive:	Polysiloxane
Colour:	Green transparent

PPI SP-2181 is used as a reinforcement and bandoleering tape for use during the manufacturing process of **hypodermic needles**. The thick polyester film prevents any distortion of the film while the strong adhesive layer allows rotation of the needle on the tape for sharpening without the needle falling off. The silicone adhesive is designed to withstand the **ultrasonic cleaning process** during de-burring. PPI SP-2181 is residue free on removal.

PPI RD-577F

Adhesive coating:	Transfer adhesive
Base Carrier:	Polyester release film
Adhesive thickness:	0.050 mm (2.0 mil)
Adhesive strength:	3.5 N/cm (31.5 oz/in)
Adhesive:	Polysiloxane
Protective Interliner:	Silicone paper

PPI RD-577F silicone transfer adhesive is used for special laminating applications in **medical patches** designed to deliver drugs transdermally. The chemical resistant adhesive, combined with its high adhesion to medical grade silicone rubber films ensure that the laminated product remains intact during its use.

Vent Tapes for

- Foam-in-Place Insulation
- Greenhouse Manufacture

PPI 819B

Adhesive coating:	Single sided/ Stripe coated
Base:	Non-woven cellulose
Total thickness:	0.100 mm (4 mil)
Tensile strength:	14 N/25 mm (3 lbs/in)
Elongation:	9%
Adhesive strength:	10 N/25 mm (108 oz/in)
Adhesive:	Acrylic resin
Interliner:	Silicone paper

PPI 819B is based on a non-woven cellulose fleece that has an adhesive coating along each edge. This special product is used to cover the vents and allow outgassing during **foam-in-place insulation** processes in the manufacture of appliances such as refrigerators and freezers. PPI 819B is supplied on an interliner.

PPI RD-870

Adhesive coating:	Single sided/ Stripe coated
Base:	Non-woven cellulose
Total thickness:	0.090 mm (3.6mil)
Tensile strength:	20 N/25 mm (4.5 lbs/in)
Elongation:	9%
Adhesive strength:	3.0 N/cm (27 oz/in)
Adhesive:	Acrylic resin

Used as a vent tape for foam-in-place insulation, **PPI RD-870** is a stripe coated fleece product and has the added advantage of being supplied in **self wound** format. This makes it ideal for use directly from a dispenser. RD-870 is used during the manufacture of walk-in-freezers.

PPI SP-786

Adhesive coating:	Single sided/ Stripe coated
Base:	Glasscloth
Total thickness:	0.200 mm (8 mil)
Tensile strength:	250 N/cm (140 lbs/in)
Elongation:	10%
Adhesive strength:	3.0 N/cm (27 oz/in)
Adhesive:	Acrylic resin
Interliner:	Release coated polyester

The special stripe coated construction of **PPI SP-786** allows for the free **circulation of air** through the honeycombed polycarbonate sheeting used in the manufacture of greenhouses. The product also prevents dust or insects from entering the honeycomb

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PHOTOGRAPHIC TAPES

PPI SP-728

Adhesive coating:	Single sided
Base:	Photographic paper
Total thickness:	0.175 mm (7 mil)

PPI SP-728 is a paper based heat-sealing photographic splicing tape. It has excellent adhesion when **heat-sealed** to photographic film and leader tape. It is recommended for **automatic pre-splicer equipment** and is used in professional photographic laboratory film processing. The tape is unaffected by immersion in developing solutions.

PPI SP-459

Adhesive coating:	Single sided
Base:	Polyester film
Total thickness:	0.090 mm (3.5 mil)
Adhesive strength:	3.8 N/cm (34 oz/in)
Adhesive:	Polysiloxane
Colour:	Red, Blue & Black

Designed to splice photographic film to leader cards in minilab processing systems. **PPI SP-459** has **excellent adhesion to leader cards and emulsion films.** The high shear adhesive will leave **no adhesive residue** on the leader card when the tape is removed. It is also unaffected after immersion in photographic developing solutions.

RD-283S

Adhesive coating:	Single sided
Base:	Polyester film
Total thickness:	0.075 mm (3.0 mil) 0.090 mm (3.26 mil)
Adhesive strength:	5 N/cm (45 oz/in)
Adhesive:	Synthetic rubber
Colour:	Yellow & Black

Similar to PPI SP-459 in application, **PPI RD-283S** is based on a **silicone-free adhesive** that has excellent adhesion to leader card and emulsion films. It is therefore recommended as a splicing tape for leader card to emulsion films in minilab applications. The tape leaves **no adhesive residue** on the leader card when removed.

PPI SP-662

Adhesive coating:	Single sided
Base:	Polyester film
Total thickness:	0.075 mm (3 mil)
Adhesive strength:	4.0 N/cm (36 oz/in)
Adhesive:	Acrylic resin
Interliner:	Siliconised polyester
Colour:	Black

PPI SP-662 is recommended as an **extracting tape** for use in the removal of exposed photographic film from film cartridges. This combination of properties facilitates **easy removal of the film from the cartridge. PPI SP-662** is recommended for applications in **automatic photographic film extraction** systems.

PPI 920-6

Adhesive coating:	Single sided
Base:	Metallised polyester
Total thickness:	0.060 mm (2.5 mil)
Adhesive strength:	4.4 N/cm (40 oz/in)
Colour:	Aluminium
Adhesive:	Acrylic resin
Interliner:	Silicone paper

A metallised polyester based splicing tape with a **low tack, removable adhesive**, PPI 920-6 is used to splice photographic paper. The metallised film backing reflects light, which can be detected by automatic sensors in the photographic processing equipment. This facilitates **automatic recognition of the end of the paper rolls**. The removable adhesive allows the tape to be cleanly removed without damaging the paper surface.

Tapes for CRT Assembly

PPI 8610

Adhesive coating:	Double sided
Base:	Glasscloth
Total thickness:	0.19 mm (7.5 mil)
Adhesive strength:	4.7 N/cm (43 oz/in)
Tensile strength:	200 N/cm (115 lbs/in)
Adhesive:	Synthetic rubber
Interliner:	Siliconised polyester

A high tensile strength double-sided tape with **excellent tear resistance**. **PPI 8610** is widely approved as a fixing tape used to permanently attach the metal surround shrink bands to cathode ray tubes (CRT). The tape/metal band combination reduces the risk of injury by glass shards in the event of tube implosion.

PPI SP-909

Adhesive coating:	Single sided
Base:	Polyester/Glasscloth
Total thickness:	0.275 mm (11 mil)
Adhesive strength:	4.7 N/cm (43 oz/in)
Tensile strength:	150 N/cm (84 lbs/in)
Adhesive:	Synthetic rubber
Colour:	Black

PPI SP-909 is a single sided tape based on a laminate of polyester/glasscloth coated with rubber-based adhesive. The **solvent-coated adhesive** causes no oozing of the adhesive during mounting and shrinking of the metal band, unlike hot melt adhesives.

PPI SP-869

Adhesive coating:	Single sided
Base:	Acetate silk cloth
Total thickness:	0.200 mm (8.0 mil)
Adhesive strength:	6.0 N/cm (54 oz/in)
Tensile strength:	50 N/cm (28 lbs/in)
Adhesive:	Synthetic rubber
Colour:	White & Black

PPI SP-869 is a **high tack, high adhesion** silk acetate based tape. It has been specifically designed to bond to **slightly oiled** copper wiring.

Used in deflector yoke assembly for CRT's.

PPI RD-767

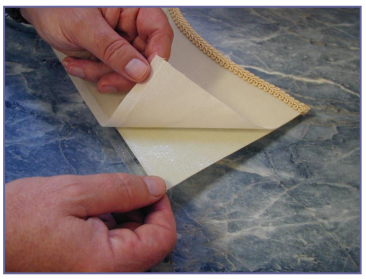
Adhesive coating:	Single sided
Base:	Acetate silk cloth
Total thickness:	0.230 mm (9.2 mil)
Adhesive strength:	6.0 N/cm (54 oz/in)
Tensile strength:	50 N/cm (28 lbs/in)
Adhesive:	Synthetic rubber
Colour:	White

PPI RD-767 is based on silk acetate cloth coated with a flame retardant high adhesion rubber adhesive. The silk acetate cloth is highly conformable and is ideal for bonding to irregular surfaces. This flexible product is used for insulating applications where flame retardancy is a requirement.

Reinforcing Tapes for Roller Blinds

PPI 270

Adhesive coating:	Double sided
Base:	Hard PVC
Total thickness:	0.27 mm (10.5 mil)
Adhesive strength:	8 N/cm (72 oz/in)
Tensile strength:	120 N/cm (69 lbs/in)
Adhesive:	Acrylic resin
Colour:	Blue transparent
Interliner:	Siliconised Polyester



PPI 270 is based on a strong, **UV resistant** PVC film coated on both sides with a UV and age resistant adhesive. PPI 270 is suitable as a reinforcement or spacer tape for the edges of roller blinds.

PPI 978

Adhesive coating:	Double sided
Base:	Hard PVC
Total thickness:	0.28 mm (11 mil)
Adhesive strength:	10 N/cm (90 oz/in)
Tensile strength:	120 N/cm (69 oz/in)
Adhesive:	Acrylic resin
Colour:	Blue transparent
Interliner:	Siliconised polyester

PPI 978 is a **high tack version** of PPI 270. It is suitable for the reinforcement of the edges of roller blinds which have highly textured surfaces or difficult to adhere to surfaces.

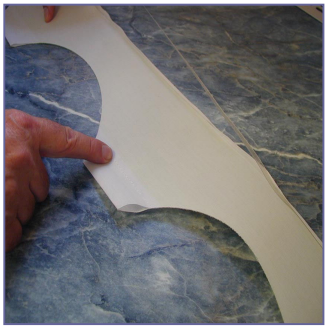
PPI M-576

Adhesive coating:	Single sided
Base:	Hard PVC
Total thickness:	0.40 mm (16 mil)
Adhesive strength:	15 N/cm (135 oz/in)
Tensile strength:	210 N/cm (118 lbs/in)
Adhesive:	Acrylic resin
Colour:	Blue transparent

PPI M-576 is recommended for those applications where **extra rigidity is required**. This tape is based on a tear and UV resistant thick PVC film with a UV and age resistant acrylic adhesive. One application is in the manufacture of roller blinds where PPI M-576 is used as a rigid supporting tape for attaching the blind to slotted or unslotted rollers.

PPI SP-2349

Adhesive coating:	Single sided
Base:	Hard PVC
Total thickness:	0.4 mm (16 mil)
Adhesive strength:	1O N/cm (90 oz/in)
Tensile strength:	210 N/cm (118 lbs/in)
Adhesive:	Acrylic resin
Colour:	Blue transparent



SP-2349 is based on a thick PVC film coated on both sides with a high tack, high adhesion acrylic adhesive. This tape has been designed to build up rapid adhesion and form permanent bonds onto curtain fabric materials and textured surfaces.

PPI RD-697

Adhesive coating:	Double sided
Base:	Polyester film
Total thickness:	0.175 mm (7.0 mil)
Adhesive strength:	12.0 N/cm (108 oz/in)
Tensile strength:	40 N/cm (23 lbs/in)
Interliner:	Silicone paper

A double-sided polyester based tape that combines both high adhesive strength and excellent **high temperature shear strength**. RD-697 exhibits excellent adhesion to a variety of substrates, and is particularly suitable for laminating fabrics prior to stitching during the manufacture process of the blind.

Our group of companies also offers you:

PPI Adhesive Products Ltd.

PPI Self-adhesive tapes

- For the electrical and electronic industries
- For the audio/video industries (splicing tapes, cleaning tapes, etc.)
- For use in printed circuit board assembly
- For shielding and winding transformer applications
- For a wide range of industrial and speciality applications (floor covering manufacture, masking tapes, etc.)

Technical Adhesive Products Ltd. (T.A.P.)

Producer of precision die-cut adhesive components for electrical, electronic and general industrial applications.
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Continuously develops self-adhesive products for our own group and for our interested customers. R&D develops new production techniques and market know-how on all aspects of adhesive products.

Valentia Industries.

A producer of single and double-sided siliconised polyester films in a range of thicknesses from 0.012mm to 0.190mm.
Available from 6mm to 1350mm width.
Customised release levels a specialty.

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All statements, technical data and recommendations contained herein are based on tests we believe to be reliable, but the accuracy or completeness is not guaranteed, and the following is made in lieu of all warranties, express or implied. Seller's and manufacturer's only obligation shall be to replace such quantity of the product proved to be defective. Neither seller nor manufacturer shall be liable for any injury, loss or damage, direct or consequential, arising out of the use or the inability to use the product. Before using, users shall determine the suitability of the product for their intended use, and users assume all risk and liability whatsoever in connection therewith.
No statement or recommendation not contained herein shall have any force or effect unless embodied in a written agreement signed by authorised officers of seller and manufacturer.

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