



SERTEK

SERRA GLOBAL TECHNOLOGY S.L.



ADHESIVES TAPES FOR CAR'S INDUSTRY

*All tapes can be
supplied in die cuts
form and more tapes
available*

Aluminium foil tapes

PPI-901: Aluminium adhesive tape with thermosetting polyacrylate adhesive. Several thickness availables.

Based on aluminium foil, completely moisture resistant. UL recognised, also available with a conductive adhesive.

Applications:

EMI/RFI shielding for motors, cables, cabinets, antennae and components

Heat conducting tape in refrigerator manufacture

Shielding tape to reflect heat

RD-802 (thickness 0.100mm)

High temperature aluminium tape with polysiloxane adhesive

Based on aluminium foil coated with a pressuresensitive polysiloxane adhesive. Supplied on an E liner.

Applications:

temporary masking tape for temperatures up to 300oC

RD-802 forms a complete moisture barrier

PPI 9015

soft aluminium self-adhesive tape with conductive acrylic adhesive. Double side available.

UL recognised file number E86214. Also available with non-conductive adhesive (PPI 901)

Applications:

discharge of static electricity / EMI/RFI shielding / cable shielding

Copper foil tapes

PPI 9110

soft copper adhesive tape with thermosetting polyacrylate adhesive. **PPI-9115** conductive adhesive version. Thicker version available

based on soft copper foil, is completely moisture resistant

UL recognised, also available with a conductive adhesive

Applications:

electrical conducting tape, solderable as heating element

EMI/RFI shielding for motors, cables, cabinet and components

PPI 9116

double-sided copper foil shielding tape with conductive adhesive

Based on soft copper foil coated with an electrically conductive pressure sensitive adhesive on both sides.

Applications:

EMI/RFI shielding / bonding of conductive surfaces/ electrical grounding

PPI 9120

adhesive self-adhesive solderable conducting tape based on embossed copper. UL recognised

Applications:

electrical conducting tape, solderable, with low contact resistance /

EMI/RFI shielding for motors, cables, cabinets and components

Differential adhesive DS tapes

RD-172

double-sided differential adhesive tape

Based upon polyester film coated with acrylic adhesive. The tape is double-sided with one side having a low tack, easy release adhesive and the other a high tack permanent adhesive.

Applications:

the tape is suitable as a temporary holding tape

the low tack adhesive can be removed from metal or glass without leaving any adhesive residue.

RD-449

Several thickness available. Suitable a version with a more aggressive adhesive

double sided polyester based tape

A double sided tape based on polyester film coated on one side with a polysiloxane adhesive and on the other with a synthetic resin adhesive. The polysiloxane adhesive will form excellent bonds to silicone rubber and silicone coated substrates.

Applications:

membrane spacer tape for applying silicone rubber key pads to membrane switches

Rd-449 is supplied on two interliners and may be die-cut for application to membrane switch.

Silicone adhesive: embossed liner Synthetic resin adhesive: paper liner

Glasscloth tapes

PPI 8410

Glasscloth electrical tape with thermosetting polyacrylate adhesive/ heat class F . **PPI8411** Rubber adhesive version.

A tear and temperature resistant tape with excellent abrasion resistance and high mechanical strength

Applications:

interphase insulation / holding and general insulation of coils and transformers /good impregnability for traction machine manufacturing /cable harnessing at high temperatures

PPI 8415

Glasscloth electrical tape with thermosetting polysiloxane adhesive/ heat class H. **PPI8416** Double Side version

A tear and abrasion resistant tape with very high temperature resistance

UL recognised

Applications:

holding and general insulation of coils and transformers / cable harnessing at high temperatures / interphase insulation

heavy coil banding / slot edge reinforcement

RD-692

High tack /high adhesión version of PPI8415

High adhesion tapes

RD-365A

Double-faced self-adhesive tape combining high tack, high shear and high adhesive peel strength. It also has resistance to a wide variety of solvents/fuels. **RD-503** - Single sided version

Applications: laminating tape with high peel and shear strength

RD-697

double-sided self adhesive tape

Based on a polyester film coated on both sides with a polyacrylic adhesive. The adhesive has both adhesive strength and high shear strength. This makes it particularly suitable for a variety of splicing applications.

Available thinner version and single sided version. **RD-697CX** Non yellowing UV resistant acrylic

Labelstock

L-133

polyester labelstock for thermal transfer printing

L-133 is a high temperature thermal transfer printable labelstock. Designed to be printed with high performance resin /resin-wax based ribbons,

L-133 will withstand temperatures up to 200oC and is resistant against many solvents and processing chemicals.

Properties:

thermal transfer printing

suitable for barcode printing

smudge resistant

RD-471B. L-133 silicone adhesive version

RD-713B. PEN based white printable labelstock.

RD-690 - Anti-static polyester film labelstock

Based on polyester film coated with a synthetic resin based adhesive. The special construction of synthetic resin based adhesive prevents any static discharge during removal from interliner or from applied surface after use.

Applications:

Anti-static removable labelstock.

Suitable for use in electronic applications where static sensitive devices and components are present.

Labelstock

L-139A

polyimide labelstock for thermal transfer printing

L-139A is a high temperature thermal transfer printable labelstock. Designed to be printed with high performance resin based ribbons, L-139A will

withstand temperatures up to 300oC and is resistant against many solvents and processing chemicals.

RD-514C - UL certificated.

polyimide labelstock for thermal transfer printing

RD-514B is a high temperature thermal transfer printable labelstock. Designed to be printed with high performance resin based ribbons, RD-514B will withstand temperatures up to 300oC and is resistant against many solvents and processing chemicals.

RD-514 will withstand high temperatures including direct contact with molten solder.

Properties:

thermal transfer printing

suitable for barcode printing

smudge resistant

High Gloss Surface

Low tack adhesion tapes

SP-139.- Several thickness available

protective masking tape with low tack acrylic adhesive

SP-139 is a temporary protective masking tape based on polyester film coated with a low tack adhesive, which can be removed after use without any danger of adhesive residue.

Applications:

The tape has excellent chemical resistance and is suitable for the temporary protection of components or objects against scratches, knocks and discolouration due to fumes.

PPI 1040

polyester electrical self-adhesive tape with precured thermosetting polyacrylate adhesive/ heat class B. UV resistant adhesive

PPI 1042 .- UL certificated

polyester self-adhesive tape with pre-cured thermosetting polyacrylate adhesive/ heat class B

Also available in printed form

Properties:

high tack on enamelled copper wires

high adhesive strength even before final curing

excellent solvent resistance

absolute freon resistance

Powder coat masking tapes

SP-510.- Several thickness available

bandoleering tape

Based on a 0.100mm thick polyester film coated with a layer of silicone adhesive its adhesive leaves no residue during removal from the coated substrate resists baking temperatures up to 200 °C.

RD-714

masking tape for powder coating processes

RD-714 has been specifically designed as a high temperature resistant, masking tape for powder coating processes. Its adhesive leaves no residue during removal from the coated substrate. Resists baking temperatures up to 220°C

Applications:

removable masking tape for powder coating processes

SP-459.- Several thickness available

Polyester self-adhesive tape with polysiloxane adhesive

Higher initial tack than SP-510

Temperature resistant up to 180°C short term (30min)

Tin Clad copper tapes

PPI 9510

tin clad copper shielding tape with nonconductive adhesive

Based on copper foil tin clad on both sides The tin layers provide improved solderability and corrosion resistance.

RD648.- Embossed version

PPI 9515

tin clad copper shielding tape with electrically conductive adhesive

On copper foil tin clad on both sides. The adhesive is electrically conductive, thus ensuring secure shielding continuity.

The tin layers provide improved solderability and corrosion resistance. PPI 9516 double sided version of PPI 9515

Applications:

- EMI/RFI shielding
- electrical grounding
- static charge draining
- cable and connector shielding



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