

## SURFACE PROTECTION TAPES

### Laser cutting

Excellent capability to retain the beauty of mirror finish for both CO<sub>2</sub> and fiber laser cutting



PROCESS

PROCESS



### Deepdrawing

Perfect elongation even under the highest pressure

SUBSTRATE

### Rough surfaces

Balanced adhesion on rough surfaces



### Furniture

High transparent PE film for the protection of decorative films.



MARKET

MARKET



### Automotive

Surface protection tapes for a wide range of plastics, lacquered material and aluminium.

## Polyester tapes

Surface Protection Tape	Total Thickness (µm)	Carrier Type	Liner Type	Adhesive Type	Adhesion to BA steel (cN/20mm) <sup>(2)</sup>	Description
LENSGUARD 7568	66	CC polyester (36 µm)	White polyester	Acrylic	45	Crystal clear tape for clear plastics (such as PMMA, PC and acrylic). Produced under clean room conditions.
E-MASK RP-301	59	CC polyester	Transparent polyester	Acrylic	20	Crystal clear tape used for the protection of polarizing plates, has superior transparency and anti static properties. E-MASK RP-301 is produced in a class 1000 clean room environment.

## Polyolefine tapes

Surface Protection Tape	Total Thickness (µm)	Film Colour	Adhesive Type	Adhesion to BA steel (cN/20mm) <sup>(2)</sup>	Weatherability S-W-M(h) <sup>(1)</sup>	Description
EASY DRAW™ 8055LD7	50	TB	Acrylic	160	None	Easy peel adhesive combined with an excellent tear resistant film, suitable for light mechanical processing.
SPV 6065E5 HP	60	TB	Acrylic	200	25	Easy peel adhesive combined with a high performance tear resistant PO film, resulting in very good deformation behaviour; high adhesion.
SPV 6065E7 HP	60	TB	Acrylic	300	25	Easy peel adhesive combined with a high performance tear resistant PO film, resulting in very good deformation behaviour; very high adhesion.
SPV 9330	60	TR	Acrylic	290	None	Special PO-film prevents stretching during lamination, resulting in a very good adhering performance on extreme rough surfaces.
E-MASK RB-2005	45	TR	Acrylic	15	None	Tapes with anti static properties developed for optical films such as LCD panels.

## Polypropylene tapes

Surface Protection Tape	Total Thickness (µm)	Film Colour	Adhesive Type	Adhesion to BA steel (cN/20mm) <sup>(2)</sup>	Weatherability S-W-M(h) <sup>(1)</sup>	Description
SLIPGUARD 4222E	240	WH	Acrylic	400	None	Embossed PP tape to protect floors and surfaces against dirt. It has anti-slip properties, a high adhesion level and a universal use on rough substrates.

## PVC tapes

Surface Protection Tape	Total Thickness (µm)	Film Colour	Adhesive Type	Adhesion to BA steel (cN/20mm) <sup>(2)</sup>	Weatherability S-W-M(h) <sup>(1)</sup>	Description
SPV 224PR-MJ	75	TB / TR	Acrylic	140	750	High adhesion level tape with excellent deformation behaviour, to protect metal during heavy processing. Good weatherability, REACH compliant.
SPV 225PR-MJ	75	TB / TR	Acrylic	160	750	High adhesion level tape with excellent deformation behaviour, to protect metal during heavy processing. Good weatherability, REACH compliant.
SPV 202R	120	WH	Rubber	270	None	General purpose tape during metal processing with high scratch resistance.

## Polyethylene tapes

Surface Protection Tape	Total Thickness (µm)	Film Colour	Adhesive Type	Adhesion to BA steel (cN/20mm) <sup>(2)</sup>	Weatherability S-W-M(h) <sup>(1)</sup>	Description
SPV TVP-430	50	TR	Acrylic	60	50	Air-bubble free protection tape wound on plastic core to protect lacquered and high gloss substrates used as decorative parts in consumer electronic devices.
SPV 4058R3	50	TR	Acrylic	65	75	Universal use on lacquered materials and plastics with high gloss surfaces. Also available with a bubble free winding quality to avoid stains from enclosed air bubbles on sensitive surfaces (SPV 4058R3F).
SPV 5057A5	50	TB	Acrylic	70	75	Medium adhesion level tape for very smooth and shiny substrates. Zipper adhesive with an easy peel removability. Available with a bubble free winding quality to avoid stains from enclosed air bubbles on sensitive surfaces (5057A5F).
SPV 5058A5	50	TR	Acrylic	70	75	Medium adhesion level tape for very smooth and shiny substrates. Zipper adhesive with an easy peel removability. Also available with a bubble free winding quality to avoid stains from enclosed air bubbles on sensitive surfaces (SPV 5058A5F).

## Polyethylene tapes

Surface Protection Tape	Total Thickness (µm)	Film Colour	Adhesive Type	Adhesion to BA steel (cN/20mm) <sup>(2)</sup>	Weatherability S-W-M(h) <sup>(1)</sup>	Description
SPV DFP-583I	50	TR	Acrylic	70	None	High grade PE film with an airbubble free adhesive which avoids risks for imprints on sensitive high gloss decorative substrates during mechanical processes. Also available in transparent blue (SPV DFP-573I).
SPV CGP-551	50	TB	Acrylic	70	75	Protection of heat treatable coatings on glass substrates immediately after coating, during storage, transportation and processing.
SPV 4088R	80	TR	Acrylic	90	25	Universal use on lacquered materials and plastics with surfaces varying from smooth to rough. Also available with a bubble free winding quality to avoid stains from enclosed air bubbles on sensitive surfaces (SPV 4088RF).
SPV 4057R	50	TB	Acrylic	120	25	Universal use on lacquered materials and plastics with surfaces varying from smooth to rough.
SPV 4058R	50	TR	Acrylic	120	25	Universal use on lacquered materials and plastics with surfaces varying from smooth to rough. Also available with a bubble free winding quality to avoid stains from enclosed air bubbles on sensitive surfaces (SPV 4058RF).
SPV AFP-585	50	TR	Acrylic	120	25	Protection of anti-fingerprint coated metals. It has an airbubble free adhesive suitable for the protection of more critical, glossy surfaces. Also available with lower adhesion level: SPV AFP-583.
SPV DFP-585I	50	TR	Acrylic	130	None	High grade PE film with an airbubble free adhesive which avoids risks for imprints on sensitive high gloss decorative substrates during mechanical processes.
SPV 5057DD7	70	TB	Acrylic	150	75	Easy peel adhesive with very good deformation behaviour on stainless steel.
SPV 5059A7	50	TG	Acrylic	150	75	High adhesion level tape for very smooth and shiny substrates. Zipper adhesive with an easy peel removability.
SPV CGP-572	50	TG	Acrylic	150	75	Protection of heat treatable coatings on glass substrates immediately after coating, during storage, transportation and converting.
SPV 4058R7	50	TR	Acrylic	180	None	Universal use on lacquered materials and plastics with rough surfaces.
SPV 4075	70	TB	Acrylic	185	25	Thick adhesive coating resulting in a high adhesion level usable on metalised lacquers, low gloss organic coatings and rough plastics.
SPV 9205	60	TB	Acrylic	200	25	Easy peel adhesive with very good deformation behaviour on stainless steel.
SPV 4058H	50	TR	Acrylic	290	None	High adhesion level tape for laquered materials with low gloss levels.
SPV 4088H	80	TR	Acrylic	310	None	High adhesion level tape for rough surfaces and laquered materials with low gloss levels.
SPV 9310	70	TR	Acrylic	320	25	Thick adhesive coating resulting in a high adhesion level usable on metalised lacquers, low gloss organic coatings and rough plastics.
SPV 9320	70	TR	Acrylic	430	None	Thick adhesive coating resulting in a high adhesion level usable on metalised lacquers, low gloss organic coatings and rough plastics.
PE 3415	150	TR WH BK	Acrylic	650	On request	Thick adhesive coating resulting in a high adhesion level usable on metalised lacquers, low gloss organic coatings and rough plastics.
SPV 3102S	100	WH	Rubber	70	50	General purpose tape with medium adhesion level, for increased mechanical protection.
SPV 30804T	80	BW	Rubber	100	250	General purpose tape with medium adhesion level. Also available with blue printed carrier (SPV 30804TP).
SPV 3088A5	80	TR	Rubber	100	None	General purpose tape with medium adhesion level. This transparent tape allows easy inspection of the substrate.
SPV AFP-853	80	TB	Rubber	110	40	Protection of anti-fingerprint coated metals. The rubber based adhesive gives a medium adhesion level and has enough oil resistance to protect during mechanical deformation.
SPV 3067M	60	TB	Rubber	170	None	General purpose tape with medium adhesion level on plastics and metals. This blue transparent tape allows easy inspection of the substrate.
SPV 3103H	100	BK	Rubber	250	300	General purpose tape with high adhesion level, for increased mechanical protection.
SPV 3104H5	100	BW	Rubber	250	600	General purpose tape with high adhesion level and good weatherability, for increased mechanical protection.
FIBERGUARD 3080H3 LIGHT	80	WH/P	Rubber	150	50	White PE film with high mechanical strength and high adhesion level on stainless steel. No need for pre-cutting, no bubble forming and carbon residue during CO <sub>2</sub> and fiber laser cutting.
FIBERGUARD 511M80P LIGHT BLUE	80	BG/P	Rubber	170	100	Black / Grey PE film with high mechanical strength and light adhesion level on stainless steel. No need for pre-cutting, no bubble forming during CO <sub>2</sub> and fiber laser cutting.
FIBERGUARD 3080H5 BLUE	80	WH/P	Rubber	300	25	White PE film with high mechanical strength and high adhesion level on stainless steel. No need for pre-cutting, no bubble forming and carbon residue during CO <sub>2</sub> and fiber laser cutting.
FIBERGUARD 509H10P BLACK	100	BG/P	Rubber	270	100	Black / Grey PE film with high mechanical strength and high adhesion level on stainless steel. No need for pre-cutting, no bubble forming during CO <sub>2</sub> and fiber laser cutting.

Substrates Processes

Substrates	Stainless steel - Smooth	Stainless steel - Rough	Aluminium - Smooth	Aluminium - Rough	Lacquered material - High gloss	Lacquered material - Medium gloss	Lacquered material - Low gloss	Plastics - Smooth	Plastics - Rough	Glass	Textile	Light mechanical deformation	Heavy mechanical deformation	Laser cutting	Colour
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Products

SPV AFP series					•	•				•		•			Blue transparent / Transparent
SPV CPG series												•			Blue / Green / Transparent
SPV DFP series												•			Blue / Clear transparent
SPV 3067M												•	•		Blue transparent
SPV 30804T	•		•			•						•			Black / White
SPV 3088A5	•											•			Transparent
SPV 3102S	•		•									•			White
SPV 3103H		•		•								•			Black
SPV 3104H5		•		•								•			Black / White
SPV PE-3415									•		•	•			Transparent or white or black
SPV 4057R						•		•				•			Blue transparent
SPV 4058H												•			Clear transparent
SPV 4058R												•			Clear transparent
SPV 4058R3					•							•			Clear transparent
SPV 4058R7									•			•			Clear transparent
SPV 4075										•		•			Blue transparent
SPV 4088H												•			Clear transparent
SPV 4088R						•						•			Clear transparent
SPV TVP-430					•							•			Clear transparent
SPV 5057A5												•			Blue transparent
SPV 5057DD7	•		•									•			Blue transparent
SPV 5058A5			•									•			Clear transparent
SPV 5059A7	•		•									•			Green transparent
E-MASK RP-301												•			Crystal clear
SPV 9205	•											•	•		Blue transparent
SPV 9310												•			Clear transparent
SPV 9320												•			Clear transparent
SPV 3080H3	•											•	•		White with grey print
SPV 511M80P	•											•	•		Black / Grey with grey print
SPV 3080H5		•										•	•		White with blue print
SPV 509H10P		•										•	•		Black / Grey with black print
PE carrier															
PET										•					Crystal clear
PO															
PP															
PVC															
SPV 8055LD7	•		•									•			Blue transparent
SPV 6065E5 HP	•		•									•	•		Blue transparent
SPV 6065E7 HP		•		•								•	•		Blue transparent
E-MASK RB-200S												•			Clear transparent
SPV 9330												•	•		Clear transparent
SPV 4222E												•			White
SPV 202R		•	•	•								•	•		White / Black
SPV 224PR-MJ	•	•	•	•								•	•		Blue / Clear transparent
SPV 225PR-MJ	•	•	•	•								•	•		Blue / Clear transparent

• = recommended product



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Nitto Denko Corporation is the parent company of Nitto EMEA. Set up in 1918 in Japan, the multinational now oversees the operations of more than 120 companies all over the world.

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SURFACE PROTECTION TAPES



With its 100th birthday Nitto looks forward to a new century of challenges. An opportunity to unite our strengths and prepare for another century of growth. We hope to provide not just products that make daily life convenient but improve people's life in general.