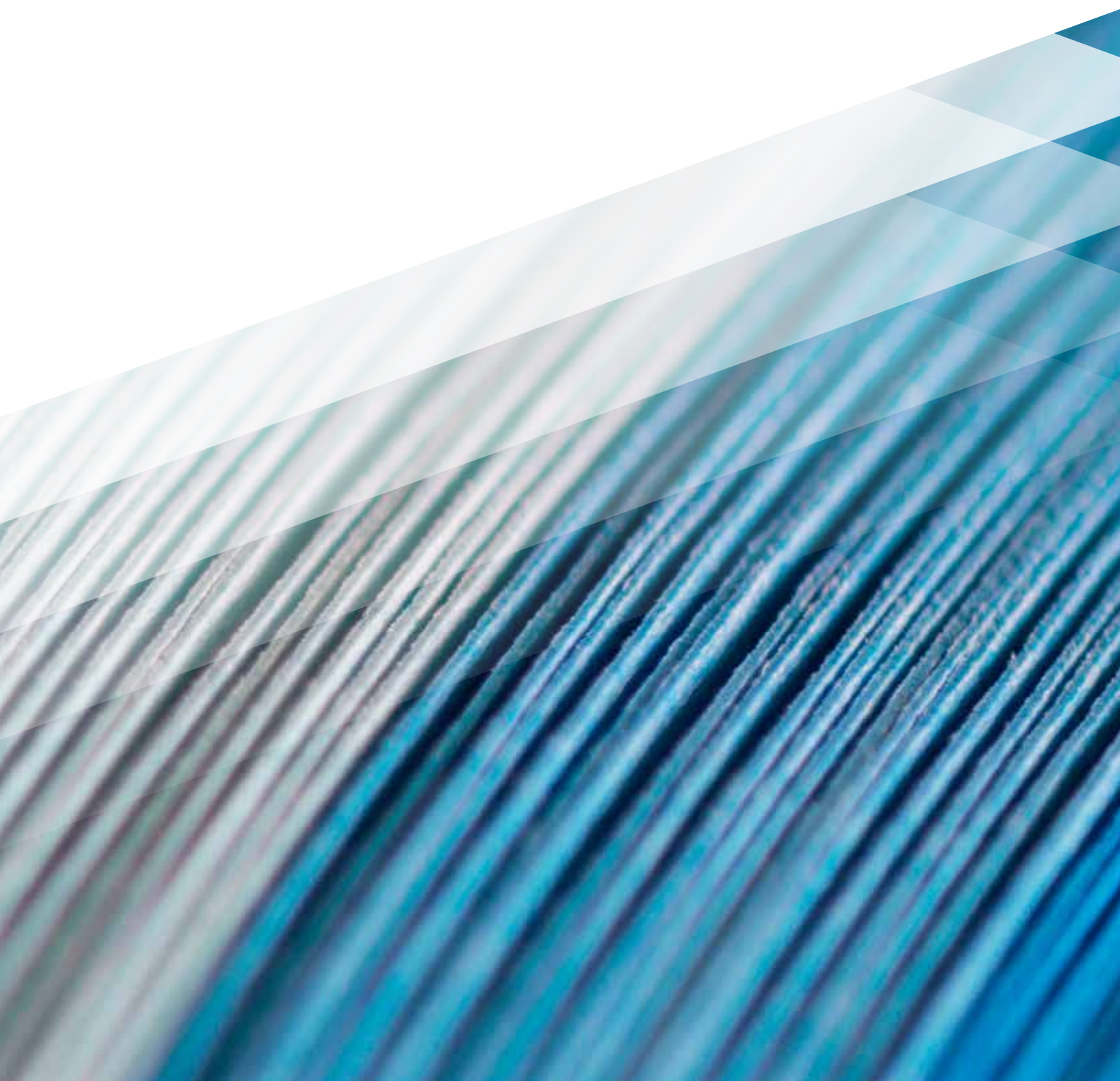




MOUNTING TAPES

Double coated adhesive tapes, baseless tapes



Polyester tapes

Reference	Carrier thickness	Carrier color	Tape thickness ⁽¹⁾	Release liner	Adhesion ⁽²⁾ / Cohesion	SAFT ⁽³⁾	Description
D5395B	0.012 mm	BK	0,05	Si paper 90 g/m ² havana	10 N/20 mm 0.5 mm/3 h	185 °C	Mounting tape for small and fragile foam parts in electric / electronic equipment. It can also be used for fixing parts for compact home appliances
D53820B	0.023 mm	BK	0.200	Si paper 65 g/m ² white	16 N/20 mm 0.5 mm/3 h	175 °C	Designed to mount plastics and metals. Typical applications are mounting of front facias and parts for home appliances.
50xxP	0.012 mm	TR	0.050 0.100 0.150	Si PE-coated paper 125 g/m ² white	10-19 N/20 mm 1 mm/3 h	115 °C 135 °C	Multiple purpose tape, especially suitable for low surface energy substrates.
D5306	0.05 mm	TR	0,22	PP 0.07 mm red or white	20 N/20 mm 1.5 mm/3 h	185 °C	Heavy duty tape suitable for rough surfaces. Typical applications are mounting of P.O.S. displays, nameplates and plastics.
D5318	0.05 mm	WH	0,22	Si PE-coated paper 125 g/m ² white	20 N/20 mm 1 mm/3 h	185 °C	Heavy duty tape suitable for rough surfaces. Typical applications are mounting of P.O.S. displays and nameplates.
D9605	0.05 mm	TR	0,22	Si paper 90 g/m ² havana	20 N/20 mm 1 mm/3 h	185 °C	Heavy duty tape suitable for rough surfaces. Typical applications are P.O.S. displays and nameplates mounting and box sealing. Also available with PE coated paper liner (D9605S) and brown siliconised paper liner (D9607).
D5331	0.012 mm	TR	0,07	Si PE-coated paper 125 g/m ² white	12 N/20 mm 0.5 mm/3 h	185 °C	Suited for bonding similar and dissimilar materials as plastics and metals. The tape has an excellent cohesion and adhesion on multiple substrates and the smooth coating profile of the adhesive makes it ideal for use on thin metals and plastics.
D5320	0.012 mm	TR	0,18	PP 0.07 mm red or white	17 N/20 mm 1 mm/3 h	185 °C	Is ideal for a continuous long-run mounting application of a variety of decorative strips in the furniture industry. It is also suitable for mounting applications in sign and nameplate markets, for marketing devices or for mounting holders for price and identification labels on shelves.
D9600	0.012 mm	TR	0,1	Si PE-coated paper 125 g/m ² white	15 N/20 mm 1 mm/3 h	130 °C	Flame retardant polyester tape which is able to maintain the flame retardant properties of certain complexes.
D9608	0.05 mm	WH	0,11	Si PE-coated paper 125 g/m ² white	9 N/20 mm 0.5 mm/3 h	185 °C	To mount a variety of plastics for graphic overlay. The opacity of the carrier allows a reduction of the back printing operations at screen printers and provides the necessary white colour for digital printing. The adhesive will not yellow during life time.
D5352	0.012 mm	WH	0,13	Si PE-coated paper 125 g/m ² white	20 N/20mm 1 mm/3h	100 °C	Excellent mounting tape used to bond graphic overlays, plastic plates, molds and foams. It has a high adhesion on different kinds of substrates.

List of abbreviations:
 Colour: AN = antracite; BK = black; GR = grey; TR = transparent; WH = white
 Carrier: PE = poly-ethylene; PET = polyester; PP = polypropylene; Si = silicone; PO = polyolefine
 S1 = Open side; S2 = Closed side

Polyester tapes / spacer tapes

Reference	Carrier type	Carrier color	Tape thickness ⁽¹⁾	Release liner	Adhesion ⁽²⁾ / Cohesion	SAFT ⁽³⁾	Description
EST-83x / Double Coated	PET	TR	0.075 - 0.350	Si PE-coated paper 125 g/m ² white	6 - 12 N/20 mm 0 mm/3 h	175 °C	These tapes offer an easy application and workability for converting, creating self-adhesive layouts, membrane switches, sound damping, barrier control, battery separation, nameplates. Nitto EST-83x series are suitable for interior and exterior applications and are available on roll or sheet.
EST-82x / Single Coated	PET	TR	0.075 - 0.175	Si PE-coated paper 125 g/m ² white	2 - 11 N/20 mm 0 mm/3 h	175 °C	These tapes offer an easy application and workability for converting, creating self-adhesive layouts, membrane switches, sound damping, barrier control, battery separation, nameplates. Nitto EST-82x series are suitable for interior and exterior applications and are available on roll or sheet.

Baseless tapes

Reference	Carrier type	Tape color	Tape thickness ⁽¹⁾	Release liner	Adhesion ⁽²⁾ / Cohesion	SAFT ⁽³⁾	Description
5015TLE	None	TR	0,08	Si PE-coated paper 125 g/m ² white	15 N/20 mm 1 mm/3 h	120 °C	Adhesive tape with low emission values used to mount different substrates in airtight places such as automotive interiors, electronic devices and houses. The tape is designed to make foams (PU, PE, PO, PP, etc) self-adhesive.
D9500	None	TR	0,05	Si PE-coated paper 125 g/m ² white	15 N/20 mm 0.5 mm/3 h	165 °C	Flame retardant transfer tape, which is able to maintain the flame retardant properties of certain complexes. This product is approved according to IMO resolution MSC 308.
597B	None	TR	0,07	Si paper 90 g/m ² white	12.5 N/20 mm 1 mm/3 h	100 °C	General purpose mounting tape for graphic displays. Also available with siliconised 90 g/m ² havana release liner (597N).
D5952	None	TR	0,08	Si paper 90 g/m ² havana	20 N/20 mm 1 mm/3 h	100 °C	The tape has a very high initial adhesion, aggressive tack and is ideal for foam lamination purposes. Also available with 120 g/m ² brown paper release liner (D5952N) or 125 g/m ² PE coated paper liner (D5952P). P version is a UL listed (UL-746A / UL-746C).
5015T	None	TR	0,08	Si paper 120 g/m ² brown	19 N/20 mm 1 mm/3 h	130 °C	Multi purpose transfer tape especially suitable for low surface energy substrates. Also available with white siliconised PE coated release liner (5015TP).
5025T	None	TR	0,13	Si paper 120 g/m ² brown	24 N/20 mm 2 mm/3 h	120 °C	This tape is used on a wide variety of surfaces, to bond graphic overlays, plastic plates and molds, surely if they have a low surface energy.
5015TP(DL)	None	TR	0,08	Si PE-coated paper 125 g/m ² white	19 N/20 mm 1 mm/3 h	130 °C	Tape used to bond graphic overlays, plastic plates surely if they have low surface energy. Available with double liner.
EST-8xx(DL)	None	TR	0,05 0,12	Si PE-coated paper 125 g/m ² white	13 N/20 mm 0 mm/3 h	175 °C	Tape used for membrane switches, graphic overlays and nameplates bonded to high surface energy plastics, steel, aluminium, ... suitable for interior and exterior applications. This tape is UL-listed (UL-746A / UL-746C).

(1) Tape thickness = total tape thickness without release liner
 (2) Adhesion according to EN 1939 (300mm/min on BA steel at 180°)
 (3) SAFT: Shear Adhesion Failure Temperature

Foam tapes

Reference	Carrier type	Carrier color	Tape thickness ⁽¹⁾	Release liner	Adhesion ^{(2)/ Cohesion}	SAFT ⁽³⁾	Description
5703LE	PO Foam	AN	0,25	Si PE-coated paper 125 g/m ² white	14 N/20 mm 1 mm/3 h	115 °C	Double-coated foam tape with low emission values. Ideal for mounting parts where shock and tolerance absorption is required. Good adhesion on low surface energy (LSE) surfaces. This product is UL listed.
5704LE	PO Foam	AN	0,35	Si PE-coated paper 125 g/m ² white	16 N/20 mm 1 mm/3 h	115 °C	Double-coated foam tape with low emission values. Ideal for mounting parts where shock and tolerance absorption is required. Good adhesion on low surface energy (LSE) surfaces. This product is UL listed.
5706LE	PO Foam	AN	0,55	Si PE-coated paper 125 g/m ² white	16 N/20 mm 1 mm/3 h	115 °C	Double-coated foam tape with low emission values. Ideal for mounting parts where shock and tolerance absorption is required. Good adhesion on low surface energy (LSE) surfaces. This product is UL listed.
5709LE	PO Foam	AN	0,85	Si PE-coated paper 125 g/m ² white	16 N/20 mm 1 mm/3 h	115 °C	Double-coated foam tape with low emission values. Ideal for mounting parts where shock and tolerance absorption is required. Good adhesion on low surface energy (LSE) surfaces. This product is UL listed.
5711LE	PO Foam	AN	1,05	Si PE-coated paper 125 g/m ² white	17 N/20 mm 1 mm/3 h	115 °C	Double-coated foam tape with low emission values. Ideal for mounting parts where shock and tolerance absorption is required. Good adhesion on low surface energy (LSE) surfaces. This product is UL listed.
5790	PO Foam	AN WH	0,6 0,9 1.1	Si paper 120 g/m ² brown	17 N/20 mm 1 mm/3 h	115 °C	Ideal for mounting parts where shock and tolerance absorption is required. Good adhesion on low surface energy (LSE) surfaces.
5790PE	PO Foam	AN	0,9 1.1	Si PE-coated paper 125 g/m ² white	17 N/20 mm 1 mm/3 h	115 °C	Tape designed for bonding metal sheets, nameplates, emblems, glass parts and a wide range of plastics to several substrates. These products can be used for interior and exterior applications.
5793	PO Foam	AN	0,6 0,9 1.1	Red PP (0.070 mm)	17 N/20 mm 1 mm/3 h	115 °C	Tape designed for bonding metal sheets, nameplates, emblems, glass parts and a wide range of plastics to several substrates. These products can be used for interior and exterior applications.
5790YPP	PO Foam	AN	0,8 1.1	2-sided Yellow PP (0.100 mm)	17 N/20 mm 1 mm/3 h	115 °C	Tape designed for bonding metal sheets, nameplates, emblems, glass parts and a wide range of plastics to several substrates. These products can be used for interior and exterior applications.
5791	PO Foam	AN WH	1.1	Si paper 120 g/m ² brown	11 N/20 mm 1 mm/3 h	105 °C	Ideal for mounting of parts where tolerance absorption is required. Good adhesion on low surface energy (LSE) surfaces.
68230	PO Foam	AN	0,3	Si PE-coated paper 125 g/m ² white	17 N/20 mm 0 mm/3 h	130 °C	Tape used to mount glass and plastic parts into electronic devices, such as touch panels, speaker parts. Thanks to its typical density it can also be used for its cushioning effect and sealing properties.

Non-woven tapes

Reference	Carrier type	Carrier color	Tape thickness ⁽¹⁾	Release liner	Adhesion ^{(2)/ Cohesion}	SAFT ⁽³⁾	Description
D5052	Non-woven	WH	0.140	Si paper 120 g/m ² white	20 N/20 mm 1 mm/3 h	85 °C	The tape has a high adhesion, good temperature resistance and aggressive tack. It is especially designed to laminate a variety of foams and other materials, like cork and textiles. Easy to convert. Also available with havana paper liner of 90g/m ² (D5052H).
5015E	Non-woven	WH	0,16	Si paper 120 g/m ² white	16 N/20 mm 1 mm/3 h	135 °C	Multi purpose tape (UL listed) with superior repulsion resistance, especially suitable for low surface energy substrates.
500	Non-woven	WH	0,16	Si paper 90 g/m ² white	12 N/20 mm 1 mm/3 h	130 °C	Multi purpose mounting tape with good workability. Also available with white PE coated paper release liner of 125 g/m ² (500S).

List of abbreviations:
 Colour: AN = antracite; BK = black; GR = grey; TR = transparent; WH = white
 Carrier: PE = poly-ethylene; PET = polyester; PP = polypropylene; Si = silicone; PO = polyolefine
 S1 = Open side; S2 = Closed side

Non-woven tapes

Reference	Carrier type	Carrier color	Tape thickness ⁽¹⁾	Release liner	Adhesion ^{(2)/ Cohesion}	SAFT ⁽³⁾	Description
5015ELE	Non-woven	WH	0,16	Si PE-coated paper 125 g/m ² white	14 N/20 mm 0.5 mm/3 h	140 °C	This low emission tape is designed for bonding cushioning and sealing materials in office automation equipments and home appliances. The tape is an ideal solution where recycling by disassembly is required.
No.512M	Non-woven	WH	0,15	Si PE-coated paper 125 g/m ² white	14 N/20 mm 0.2 mm/3h	185 °C	Solvent free tape for bonding Foams, EPDM and others, plastic materials and metals for applications with high repulsion resistance and LSE.
EW-514	Non-woven	WH	0,14	Si PE-coated paper 125 g/m ² white printed	12N/20 mm 1.2 mm/3h	175 °C	Solvent free tape for bonding PUR Foams, plastic materials and rough substrates for acoustic applications in automotive interiors and domestic appliances.
5000NS	Non-woven	WH	0,16	Si PE-coated paper 125 g/m ² white	16 N/20 mm 0 mm/3 h	150 °C	This tape is designed for bonding cushioning and sealing materials in office automation equipments and home appliances. The tape is an ideal solution where recycling by disassembly is required.

Acrylic foamed tapes

Reference	Carrier type	Carrier color	Tape thickness ⁽¹⁾	Release liner	Adhesion ^{(2)/ Cohesion}	SAFT ⁽³⁾	Description
H-series	Acrylic foam available in 3 densities	GR	0,4 0,8 1,2	Si PE coated paper with Nitto print	Available in different adhesion levels	185 °C	Hyperjoint series offer superior adhesion, high heat resistance and durability thanks to the conformable and durable acrylic foamed carrier. It is especially suitable for uneven surfaces as it can follow the surface shape, creating a superior bond between the substrates.
GH series	Acrylic foamed adhesive available in different colors	WH BK TR	0,2 to 1,1	Si PE coated paper with Nitto print	Available in different adhesion levels	185 °C	Tapes with superior adhesion, heat resistance and water resistance for fixing metals and plastics.

Specialty tapes

	Reference	Carrier type	Carrier color	Tape thickness ⁽¹⁾	Release liner	Adhesion ⁽²⁾	Description
Optical Clear adhesive	CS9861UAS	Baseless	TR	0,025	Double liner / Si PET 0.075 mm	12 N/20 mm	Highly transparent tape used for fixing optical films.
	CS9862UAS	Baseless	TR	0,050	Double liner / Si PET 0.075 mm	14 N/20 mm	Highly transparent tape used for fixing optical films.
Differential adhesive	5302A	PET (0.025 mm)	TR	0,085	Double liner / Si PET 0.05 mm Paper	10 N/20 mm 11 N/20 mm	Differential coated tape for bonding silicon rubber materials or silicon coated materials on plastic or metal.
	61390	PET (0.012 mm)	TR	0,09	Si paper white	15 N/20 mm 3.5 N/20 mm	The open side has a high adhesion level, the closed side guarantees a clean removal, the tape is used for temporary bonding of flexible substrates such as foam, cork and films.
	VR-5321	PET (0.025 mm)	BK	0,15	Si paper white	20 N/20 mm 11 N/20 mm	Differential coated tape for bonding vulcanised rubber materials on plastic or metal.
Heat conductive adhesive	TR-5912F TR-5920FS TR-5925F	Baseless		0,125 0,20 0,25	Si PET transparent (0.100mm)	16 N/20 mm 22 N/20 mm 18 N/20 mm	Thermal conductive adhesive tapes offer superior properties by using a thermal conductive adhesive layer. Tapes are widely used in electronic fields. These products have a UL certification.
	TR-5310 TR-5320F TR-5325F	PET	TR	0,1 0,2 0.25	Si PE-coated paper 125 g/m ² white	9 N/20 mm 11 N/20 mm	Thermal conductive adhesive tapes offer superior properties by using a thermal conductive adhesive layer. Tapes are widely used in electronic fields. These products have a UL certification (except for TR-5310).
	VR-5300 VR-5300H	PET (0.025 mm)	TR	0,14 0,10	Si PE-coated paper 125 g/m ² white	30 N/20 mm 25 N/20 mm	These tapes offer excellent adhesion for various substrates by using the special rubber adhesive. They can be used for bonding metal plates, plastic plates, rubbers and foams.
Strong bonding	VR-5000	Non-woven	WH	0,14	Si PE coated paper 125 g/m ² white	30 N/20 mm	This tape offers superior converting and handling performance in die cut processes. Suitable for bonding metal plates, plastic plates, rubbers and foams.

(1) Tape thickness = total tape thickness without release liner
 (2) Adhesion according to EN 1939 (300mm/min on BA steel at 180°)
 (3) SAFT: Shear Adhesion Failure Temperature

Substrates

	LSE	Metal	Leather, textile, felt	Silicone	Rubber	Foams	HSE (PMMA, PC, PET, UPVC...)	Ceramic (glass, tiles...)
Polyester								
D5395B		○				○	○	○
53820B		○				○	○	○
50xxP	○	○	○			○	○	○
D5306		○	○				○	○
D5318		○					○	○
D9605		○	○			○	○	○
D5331		○					○	
D5320		○					○	
D5352		○	○			○	○	
D9600	○					○	○	
D9608							○	
D5352		○	○			○	○	
Polyester / spacer								
EST-83x		○					○	
EST-82x		○					○	
Baseless								
5015TLE	○	○				○	○	
D9500	○					○		
597B		○					○	
5015T	○	○	○		○	○	○	○
D5952		○	○			○	○	
5025T	○	○	○		○	○	○	○
5015TP(DL)	○	○			○		○	○
EST-8xx(DL)							○	

Substrates

	LSE	Metal	Leather, textile, felt	Silicone	Rubber	Foams	HSE (PMMA, PC, PET, UPVC...)	Ceramic (glass, tiles...)
Foam								
5703LE	○	○					○	○
5704LE	○	○					○	○
5706LE	○	○					○	○
5709LE	○	○					○	○
5711LE	○	○					○	○
5790	○	○					○	○
5790PE	○	○					○	○
5793	○	○					○	○
5790YPP	○	○					○	○
5791	○	○					○	○
68230							○	○
Non-woven								
5015ELE	○	○				○	○	
No.512M	○	○				○	○	
EW-514		○	○			○	○	
D5052		○	○			○		
5015E	○	○	○			○	○	○
500		○	○			○	○	○
5000NS	○	○	○			○	○	○
Hyperjoint								
H series		○					○	○
GH series		○					○	○
Specialty								
CS9861UAS							○	○
CS9862UAS							○	○
5302A				○				
61390						○	○	
VR5321		○			○		○	
TR-5912F • 5920FS • 5925F		○					○	
TR-5320F • 5325F • TR-5310		○					○	
VR-5000 • VR5300 • VR5300H		○			○		○	

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