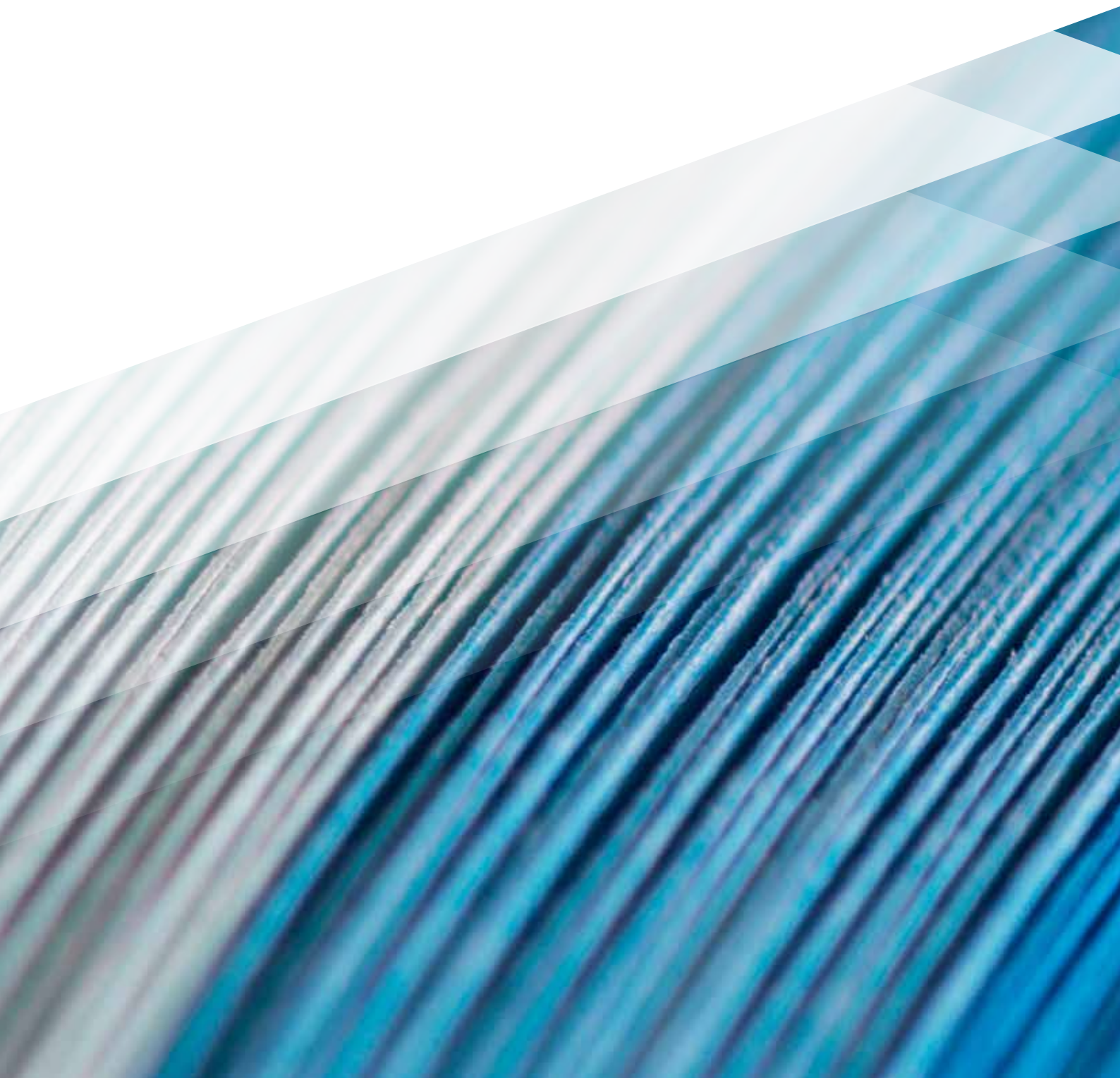




MOUNTING TAPES

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
538xxB	0.023 mm	BK	0.100 0.150 0.200	Si paper 65 g/m ² white	15 - 17 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 0.023 mm	TR	0.050 0.100 0.150 0.200	Si PE-coated paper 125 g/m ² white	10 - 23 N/20 mm 1 mm/3 h	115 °C - 140 °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 1.5 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 1.5 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.

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	WH	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	WH	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
5005TLE	None	TR	0,05	Si PE-coated paper 125 g/m ² white	12 N/20 mm 1 mm/3 h	130 °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.
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.
597AP	None	TR	0,05	Si PE-coated paper 125 g/m ² white	10 N/20 mm 1 mm/3 h	100 °C	Designed for mounting of a variety of substrates such as metal and plastic nameplates, films, offset-blankets, textile labels, metal foils... This product is UL listed (UL-746A / UL-746C).
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).
5005T	None	TR	0,05	Si paper 120 g/m ² brown	16.5 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 (5005TP).
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.
5015TPi(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	0,9 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.
68225	PO Foam	AN	0,25	Si PE-coated paper 125 g/m ² white	18 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.
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
5033X	Non-woven	WH	0,14	Si paper 90 g/m ² havana	8,5 N/20 mm 0,7 mm/3 h	150 °C	General purpose tape for foam mounting applications.
D5052	Non-woven	WH	0,140	Si paper 120 g/m ² white	20 N/20mm 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. Also available with a PE coated paper liner (5015EP).
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.
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.

Hyperjoint

Reference	Carrier type	Carrier color	Tape thickness ⁽¹⁾	Release liner	Adhesion ⁽²⁾ / Cohesion	SAFT ⁽³⁾	Description
HYPER-JOINT	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.

Specialty tapes

	Reference	Carrier type	Carrier color	Tape thickness ⁽¹⁾	Release liner	Adhesion ⁽²⁾ / Cohesion	Description
Optical Clear adhesive	CS9861US	Baseless	TR	0,025	Double liner / Si PET 0.075 mm	12 N/20 mm	Highly transparent tape used for fixing optical films.
	CS9862UA	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.
	64390	PET (0.012 mm)	TR	0,065	Si PP white	16 N/20 mm 1,5 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.
	VR5321	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 activated adhesive	FB-ML 4	Baseless	TR	0,070	Double liner / PP 0.25 Si PET 0.50 mm	Adhesive values are directly related to temperature, pressure and time	Baseless thermal bonding sheet, which shows a strong adhesion and has a high durability even in high temperature and high humidity conditions.
	FB-ML 80A	Baseless	TR	0,050	Siliconised paper (90 g/m ²)	Adhesive values are directly related to temperature, pressure and time	Baseless thermal bonding sheet, which shows a strong adhesion and has a high durability even in high temperature and high humidity conditions.
Heat conductive adhesive	TR-5912F TR-5920F TR-5925F	Baseless		0,125 0,20 0,25	Si PET transparent (0.100mm)	16 N/20 mm 17 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-5320F TR-5325F	Polyester (0.012 mm)	TR	0,2	Si PE-coated paper 125 g/m ² white	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.

(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		○				○	○	○
538xxB		○				○	○	○
50xxP	○	○	○			○	○	○
D5306		○	○				○	○
D5318		○					○	○
D9605		○	○			○	○	○
D5331		○					○	
D5320		○					○	
D9600	○					○	○	
D9608							○	
Polyester / spacer								
EST-83x		○					○	
EST-82x		○					○	
Baseless								
5015TLE	○	○				○	○	
5005TLE	○	○				○	○	
D9500	○					○		
597AP		○					○	
597B		○					○	
5015T	○	○	○		○	○	○	○
D5952		○	○			○	○	
5005T	○	○	○		○	○	○	○
5025T	○	○	○		○	○	○	○
5015TPi(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	○	○					○	○
68225							○	○
68230							○	○
Non-woven								
5015ELE	○	○				○	○	
5033X		○	○			○		
D5052		○	○			○		
5015E	○	○	○			○	○	○
500		○	○			○	○	○
5000NS	○	○	○			○	○	○
Hyperjoint								
HYPERJOINT		○					○	○
Specialty								
CS9861US							○	○
CS9862UA							○	○
5302A				○				
61390						○	○	
64390						○	○	
VR5321		○			○		○	
FB-ML 4		○					○	
FB-ML 80A		○					○	
TR-5912F 5920F 5925F		○					○	
TR-5320F 5325F		○					○	

Nitto



Feel the worldwide
NITTO strength
all across EMEA

Backed by the strength and worldwide reputation of Nitto Denko, our representatives have close relationships with their customers. They understand their customer's needs and can help them select the best solution or find a way to create a new one that's best suited to their needs.

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.

askyourquestion@nitto.com

www.nitto.com

NITTO BELGIUM NV
Eikelaarstraat 22,
3600 Genk, Belgium
Tel. +32-89-36 01 11
Fax +32-89-36 22 42

NITTO DEUTSCHLAND GmbH
Schifferstrasse 210,
47059 Duisburg, Germany
Tel +49-203-933 180 0
Fax +49-203-933 180 36

NITTO DENKO CZECH s.r.o.
Težební 1239/4, 627 00 Brno
Czech Republic
Tel +420-548-14 10 64
Fax +420-548-14 10 10

NITTO FRANCE s.a.r.l.
Immeuble "Le Rabelais" 22
Avenue des nations CS 10024 Villepinte
95926 Roissy Ch De Gaulle Cedex
Tel +33-1-48 17 87 50
Fax +33-1-48 17 87 59

NITTO BELGIUM NV
Commercial Representative Office
Kálvin Tér 12, I. EM., 1085 Budapest, Hungary
Tel. +36-1-332 87 97
Fax +36-1-332 95 45

NITTO IBÉRICA
Sucursal en España
Edificio Diagonal, 2, Constitución, 3, 3-5
08960 San Just Desvern,
Barcelona, Spain
Tel. +34-93-473 17 09
Fax +34-93-473 14 85

NITTO ITALIA s.r.l.
Via Aldo Moro 45,
20060 Gessate (Milano), Italy
Tel. +39-02-95 38 34 91
Fax +39-02-95 38 34 94

NITTO POLSKA Sp. z o.o.
ul Domaniewska 37,
02-672 Warszawa, Poland
Tel. +48-22-3378 657
Fax +48-22-3378 654

NITTO SCANDINAVIA AB
Heljesvägen 9, 437 36 Lindome, Sweden
Tel. +46-31-99 30 10
Fax +46-31-99 44 44

NITTO DENKO UK Ltd.
Sunrise Building, Crown Farm Way, Crown Farm
Industrial Park,
Forest Town Mansfield,
Nottinghamshire NG19 0FT, UK
Tel. +44-1623-415 500
Fax +44-1623-415 501

NITTO RUS
Limited Liability Company
Barclaya street 6, building 5,
Office B624, Moscow 121087, Russia
Tel. +7-495-269 01 71
Fax +7-495-269 01 73

NITTO OTOMOTIV
San. ve Tic. Ltd. Sti.
Tuzla Mermerciler Cad. No.39/2
Tuzla, Istanbul, Türkiye
Tel. +90-216-581 75 02
Fax +90-216-581 75 29

NITTO BENTO
Bantçılık San. ve Tic. A.S.
Akçaburgaz Mah. 101. Sokak No: 9,
34510 Esenyurt
Istanbul, Türkiye
Tel. +90-212-886 90 40
Fax +90-212-886 90 48



With its 100th birthday, Nitto looks forward to a new century of challenges. An opportunity to reconnect our strengths and prepare for another century of growth. We hope to provide not just products that make the world convenient, but improve people's lives overall.