Science.
Applied to Life.™

3M™ Acrylic Foam & 3M™ Acrylic Plus Tapes

Product Overview

Adhesive (LS) Liner Side	Adhesive (NLS) Non Liner Side	Thickness in mm									Type	Variant	Colour Adhesive	Colour Liner	Paper Liner
		0,4 – 0,5	0,6	0,8	1,1	1,2	1,5	2,0	2,3	3,2					
ZX	ZX	PX5005		PX5008	PX5011		PX5015				AFT	4	grey	red	Y / Y / Y /N
JLx 2	JLx 1				EX4511		EX4515				A+	1	deep black	red	N
JL 2	VR 1			EX4008	EX4011		EX4015				A+	2	black	red	N
VR 2	VR 1				PT1100		PT1500				A+	2	black	red	N
AR 5	AR 5									4225	AFT	4	white	red	N
AR 7	AR 7						5356		5390		AFT	4	grey	red	N
AR 7	SS	5428		5580	5361						AFT	3	grey	orange	Y / N / N
AR 7	SS			GTE6208		GTE6212	GTE6215	5745			AFT	4	grey	red brown, red, orange	Y / Y / Y / N
SS	SS	5363		4222							AFT	3	white	red	Y
SS	SS		GT6006	GT6008		GT6012					AFT	4	grey	red	Y
SS	SS		LT1006								AFT	4	grey	brown Paperliner	Y
SB 2	E 2					RST4812					A+	1	deep black	red	N
JL 2	E 2			WT4108		WT4112					A+	2	black	red	N
VR 2	E 2					ST1200					A+	2	black	red	N
AR 7	E 2			5608	5402						AFT	4	grey	orange	N
AR 7	E 1	5401		5338	5339						AFT	3	grey	orange	N
SS	E 2	GSE9004		5609							AFT	4	grey	orange	N

two-sided pressure-sensitive | one side heat-activatable

GTE6208, -12 and -15 as well available with a tear resistant liner as GTE62xxR

Siliconized Liner see liner overview

Yes (Y) = available
No (N) = not available

= Click on cell to open documents

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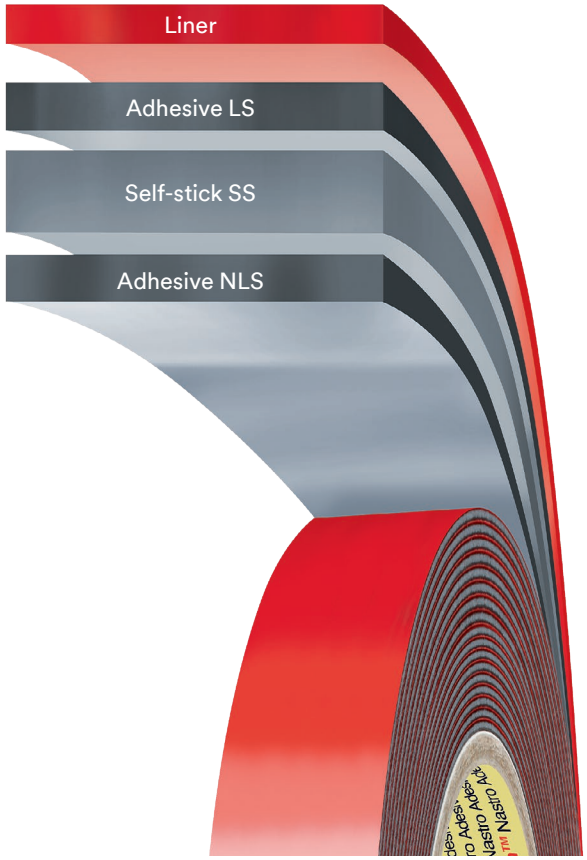

Pressure-Sensitive Adhesives

ZX	Very good initial and excellent final tack, especially for LSE** surfaces such as PP-EPDM and MSE* surfaces like ABS or MSE* clear coats
JLx 1/JLx 2	Excellent initial and final tack especially on MSE* substrates as ABS and very good initial and final tack on LSE** clear coats
JL 2	Excellent initial and final tack especially on MSE* substrates as ABS and excellent initial and final tack on LSE** clear coats
VR 1/ VR 2	Very high initial and final adhesion, especially for modern and scratch optimized paint systems
AR 7	High initial and final adhesion for various paint systems and surface
AR 5	High initial and final adhesion for various paint systems and surfaces
SB 2	High performance adhesive with excellent initial and final tack on a high variety of LSE** and MSE* clear coat systems
SS	Self-stick, good initial and final adhesion on various paint systems and surfaces

* MSE = Medium Surface Energy ** LSE = Low Surface Energy

Heat-activatable Adhesives

E 1	Heat activatable, especially for EPDM-material
E 2	Heat activatable, especially for EPDM- and TPE-material

Type	Variant	
A+	1	**Deep black** Acrylic Plus core with good tolerance behaviour und good inner strength
A+	2	**Black** Acrylic Plus core with excellent tolerance behaviour
AFT	3	**Dark grey** or **white** acrylic foam core with good tolerance behaviour and high inner strength
AFT	4	**Dark grey, grey** or **white,** acrylic foam core with excellent tolerance behaviour

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Pressure-Sensitive Tapes

Product number	PX 5005 5008 5011 5015	EX 4008 4011 4015	EX 4511 4515	PT 1100 1500	4225	5356 5390	5428	GTE 6208 6212 6215	5745	5363	GT 6006 6008 6012	RT 80xx-Serie	GT 71xx-Serie
Thickness in mm without liner	0,5 0,8 1,1 1,5	0,8 1,1 1,5	1,1 1,5	1,1 1,5	3,2	1,5 2,3	0,45	0,8 1,2 1,5	2,0	0,4	0,6 0,8 1,2	0,2 - 4,0	0,2 - 4,0
Temperature resistance[1] in °C	90	90	90	90	90	90	90	90	90	120	120	90	120
Surface suitability[2]													
• High Surface Energy	++	++	++	++	++	++	++	++	++	++	++	++	++
• Low Surface Energy (e.g. PE, PP)	++	+	o	+		o	o	o	o	o	o	o	o
• Paint	++	++	++	++	++	++	++	++	++	+	+	+	+
• Glass[3]	++	++	++	++	++	++	++	++	++	++	++	++	++
• Rubber with Primer 4298 UV[4]	o	+	--	++	++	++	++	++	++	++	++	++	++
Stress relaxation[2]	++	++	++	++	++	++	o	+ up to ++ (depending on thickness)	++	o	o up to ++ (depending on thickness)	o up to ++ (depending on thickness)	o up to ++ (depending on thickness)
UV resistance[2]	++	++	++	++	++	++	++	++	++	++	++	++	++
Solvent resistance[2]	++	++	++	++	++	++	++	++	++	++	++	++	++
Liner: P = Paper PE = PE film BR = Break Resistant Liner R = Tear-resistant	P[10] PE[8]	PE[8]	PE[8]	PE[8]	PE	PE	P PE	P[6] PE[7] R[10]	PE	P PE	P PE[5]	PE	PE

1)	Corresponds with long-term temperature resistance (temporarily higher), load dependent.
2)	++ = very good + = good o = conditional -- = not tested must be checked through application-relevant tests
3)	To prevent migration of moisture, primer treatment is recommended (e.g. Primer 4299); assessment with primer.
4)	To enhance adhesion, it is recommended to treat the plastic surface with Primer 4298 UV or to use a heat-activated tape; assessment with primer.
5)	Except GT6006
6)	Except GTE6215
7)	Adhesive side is siliconized
8)	T version = only adhesive side is siliconized; F version = both sides siliconized
9)	Both sides siliconized
10)	BR = Improved tear resistance compared to F-Liner R = tear resistant

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Heat-activatable Tapes

Product number	RST 4812	WT 4112	WT 4108	ST 1200	5608	5402	5401	5338	5339	GSE 9004	5609
Thickness in mm without liner	1,2	1,2	0,8	1,2	0,8	1,1	0,45	0,8	1,1	0,4	0,8
Temperature resistance [1] in °C	90	90	90	90	90	90	90	90	90	120	120
Surface suitability [2]											
• High Surface Energy	++	++	++	++	++	++	++	++	++	++	++
• Low Surface Energy (e.g. PE, PP)	++	++	++	+	o	o	o	o	o	o	o
• Paint	++	++	++	++	++	++	++	++	++	+	+
• Glass [3]	++	++	++	++	++	++	++	++	++	++	++
• Rubber, heat-activated tape side [4]	++	++	++	++	++	++	++	++	++	++	++
Stress relaxation [2]	++	++	++	++	+	++	o	+	++	o	+
UV resistance [2]	++	++	++	++	++	++	++	++	++	++	++
Solvent resistance [2]	++	++	++	++	++	++	++	++	++	++	++
Liner: PE = PE film BR = Break Resistant Liner	PE [7] BR [10]	PE [7]	PE [7]	PE [7]	PE	PE	PE	PE	PE	PE	PE

1)	Corresponds with long-term temperature resistance (temporarily higher), load dependent.
2)	++ = very good + = good o = conditional -- = not tested must be checked through application-relevant tests
3)	To prevent migration of moisture, primer treatment is recommended (e.g. Primer 4299 or AP 111); assessment with primer.
4)	Heat-activatable adhesives E2 and E1 were developed to bond to EPDM.
7)	Adhesive side is siliconized
10)	BR = Improved tear resistance compared to F-Liner

3M™ Acrylic Foam & 3M™ Acrylic Plus Tapes

Additional Information

General Information
- Guideline for Usage
- Wet Out Control
- Material Safety Data Sheets
- Brochures

Test Methods
- 90° Adhesion TMG 1637
- Static Shear Adhesion TMG 1266
- T-Peel TMG 1636

3M™ Dual Lock™
- Reclosable Fastening System
- Pop-In, Die-Cut and Slide-In Shapes

Japanese Tapes (only for JOEM)
- RT 8000 Series
- GT 7100 Series
- GT 7198
- SF Series
- 5400 Series

Liner
- Product-Liner-Matrix
- Tear-resistant Liner

Wheel Weights
- 3M™ Wheel Weights TN 4000

Equipment
- 3M™ Manual Applicator MR1 & MR3
- 3M™ Manual Applicator MSR 15
- 3M™ Heat Tab and Abrasion Tool

Tabbing & Splice Tapes
- 3M™ Tabbing Tape & Splice Tape 5300
- 3M™ Tabbing Tape 5081 – 5082
- 3M™ Tabbing Tape 5699
- Guideline for Usage of Tabbing Tape

Pre-Treatment
- 3M™ High Performance Wipe 2011
- 3M™ High Performance Wipe 2030
- Primer-Overview
- Information for Primer Usage
- 4297
- 4298 UV
- 4299

Repair Guide
- Removal of Weatherstrips
- Repair Procedure Body Side Moldings

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