

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

Product Overview

Adhesive (LS) Liner Side	Adhesive (NLS) Non Liner Side	Thickness in mm									Density	Color Adhesive	Color Liner	Paperliner
		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 (high)	grey	red	N / Y / Y / N
JLx 2	JLx 1				EX4511 ↗		EX4515 ↗				A+ (high)	deep black	red	N
JL 2	VR 1			EX4008 ↗	EX4011 ↗		EX4015 ↗				A+ (medium)	black	red	N
VR 2	VR 1				PT1100 ↗		PT1500 ↗				A+ (medium)	black	red	N
AR 5	AR 5				4205 ↗						AFT (high)	white	orange	N
AR 5	AR 5									4225 ↗	AFT (medium)	white	red	N
AR 7	AR 7						5356 ↗		5390 ↗		AFT (medium)	grey	red	N
AR 7	SK	5428 ↗		5580 ↗	5361 ↗						AFT (high)	grey	orange	Y / N / N
AR 7	SK			GTE6208 ↗		GTE6212 ↗	GTE6215 ↗	5745 ↗			AFT (medium)	grey	red brown, red, orange	Y / Y / Y / N
SK	SK	5363 ↗		4222 ↗							AFT (high)	grey, white	red	Y
SK	SK			GT6008 ↗		GT6012 ↗					AFT (medium)	grau	red	Y
SK	SK	LT2005 ↗	LT1006 ↗								AFT (medium)	grey	brown Paperliner	Y
JL 2	E 2					WT4112 ↗					A+ (medium)	black	red	N
VR 2	E 2					ST1200 ↗					A+ (medium)	black	red	N
AR 7	E 2			5608 ↗	5402 ↗						AFT (medium)	grey	orange	N
AR 7	E 1	5401 ↗		5338 ↗	5339 ↗						AFT (high)	grey	orange	N
SK	E 2	GSE9004 ↗		5609 ↗							AFT (medium)	grey	orange	N

two-sided presure-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

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

Product Overview



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

Density/Color

A+ (high)	Deep Black Acrylic Plus Core, good tolerance
A+ (medium)	Black Acrylic Plus core with excellent tolerance
AFT (hoch)	Dark grey or soft white Acrylic Foam core with good tolerance and high internal strength
AFT (mittel)	Dark grey, grey or white soft Acrylic Foam core with excellent tolerance

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

Pressure-Sensitive Tapes

Product number	5363	5428	GT6006/-8/-12	GTE6208/-12/-15	EX4008/-11/-15	EX4511/-15	PX5005/-8/-11/-15	PT1100/1500	5356/5390	5745	4225	RT80xx-Series	GT71xx-Series
Thickness in mm without liner	0,4	0,45	0,6 0,8 1,2	0,8 1,2 1,5	0,8 1,1 1,5	1,1 1,5	0,5 0,8 1,1 1,5	1,1 1,5	1,5 2,3	2,0	3,2	0,2 - 4,0	0,2 - 4,0
Temperature resistance ¹⁾ in °C	120	90	120	90	90	90	90	90	90	90	90	90	120
Surface suitability²⁾													
• High Surface Energy Plastics	++	++	++	++	++	++	++	++	++	++	++	++	++
• Low Surface Energy Plastics (z.B. PE, PP)	o	o	o	o	+	o	++	+	o	o	o	o	o
• Paint	+	++	+	++	++	+	++	++	++	++	++	+	+
• Glass ³⁾	++	++	++	++	++	++	++	++	++	++	++	++	++
• Rubber, heat-activated tape side	++	++	++	++	+	--	++	++	++	++	++	++	++
Stress relaxation ²⁾	o	o	o up to ++ (depending on thickness)	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 ⁹⁾ PE = PE film R = tear-resistant	P PE	P PE	P PE ⁵⁾	P ⁶⁾ PE ⁷⁾ R	PE ⁸⁾	PE ⁸⁾	P ¹⁰⁾ PE ⁸⁾	PE ⁸⁾	PE	PE	PE	PE	PE

1)	Corresponds with long-term temperature resistance (temporarily higher), load dependent.
2)	++ = very good + = good o = bconditional 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)	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)	in preparation, P not for PX5005 and -15

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

Heat-activatable Tapes







Product number	GSE9004	5401	5608	5609	5338	5339	5402	ST1200	WT4112
Thickness in mm without liner	0,4	0,45	0,8	0,8	0,8	1,1	1,1	1,2	1,2
Temperature resistance ¹⁾ in °C	120	90	90	120	90	90	90	90	90
Surface suitability ²⁾									
• High Surface Energy Plastics	++	++	++	++	++	++	++	++	++
• Low Surface Energy Plastics (z.B. PE, PP)	o	o	o	o	o	o	o	++	++
• Paint	+	++	++	+	++	++	++	++	++
• Glass ³⁾	++	++	++	++	++	++	++	++	++
• Rubber, heat-activated tape side	++	++	++	++	++	++	++	++	++
Stress relaxation ²⁾	o	o	+	+	+	++	++	++	++
UV resistance ²⁾	++	++	++	++	++	++	++	++	++
Solvent resistance ²⁾	++	++	++	++	++	++	++	++	++
Liner: PE = PE film	PE	PE	PE	PE	PE	PE	PE	PE ⁷⁾	PE ⁷⁾

1)	Corresponds with long-term temperature resistance (temporarily higher), load dependent.
2)	++ = very good + = good o = bconditional 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)	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)	in preparation, P not for PX5005 and -15




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

Additional Information



General Information

- Guideline for Usage 
- Wet Out Control 
- Tekscan Services 
- Material Safety Data Sheets 
- Brochures 
- Videos 




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 
- 3M™ Manual Applicator MR2 LED 
- 3M™ Manual Applicator MR3 
- 3M™ Manual Applicator MSR 15 
- 3M™ Heattabber and Abrasion Tool 


Tabbing & Splice Tapes

- 3M™ Tabbing Tape & Splice Tape 5300 
- 3M™ Tabbing Tape 5081 – 5082 
- 3M™ Tabbing Tape 5699 
- 3M™ Tabbing Tape 5075 
- 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 
- AP 111 

Repair Guide

- Removal of Weatherstrips 
- Repair Procedure Body Side Moldings 