

Outfit Your Printer with Precision Parmalex Metal Edge Squeegees

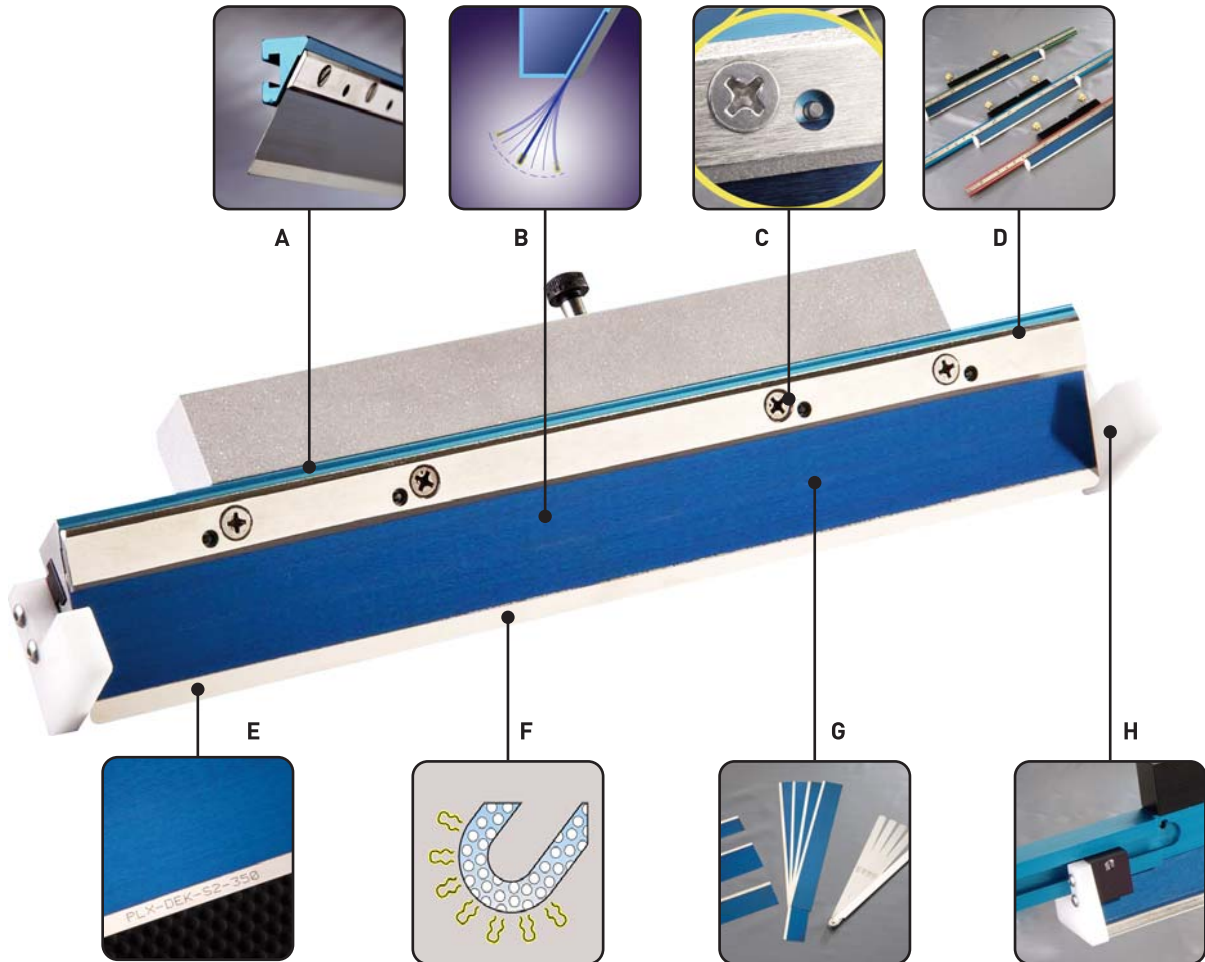
Squeegee Holders



Maximize your micro-electronics printing results

Transition's patented universal holder design gives you outstanding functionality, ergonomics and choices that enable you to achieve greater performance and profitability on your SMT line.

- A.** Lightweight, low profile holders reduce paste sticking and handling damage
- B.** Spring steel base metal assures many thousands of flexures without failure
- C.** Accurate blade referencing insures your setup quality
- D.** Color choice add visual ergonomics and helps you segregate materials
- E.** Permanent product ID helps you to track and repeat your high quality processes
- F.** The permalex Infused teflon edge reduces friction and wear-keeping your squeegees and stencils in top condition
- G.** Adjust blade thickness and/or angle easily with product codes for intrusive paste in hole or other special applications
- H.** Sliding paste retainers enable you to reconfigure these advanced holders for smaller/larger squeegee sizes saving time, money and storage space

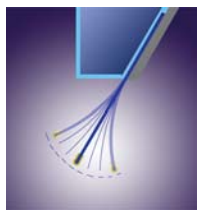
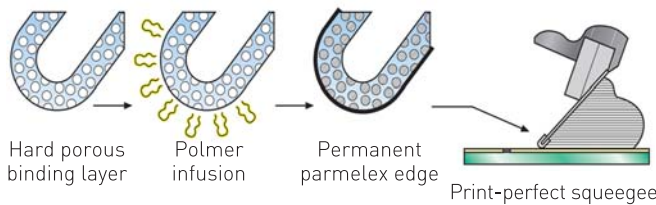


Your electronics production process, your end products and your people are valuable resources. Many leading companies worldwide choose Permalex brand squeegees to maximize these investments and avoid costly machine down-time, lost product quality, and "consumable" purchase cycles.

Permalex Squeegees Maximize Results by Way of Three Key Factors:

• Blade technology for long duty cycles

Permalex is a multi-step metallurgical bonding process that produces a smooth, durable metal squeegee with a hard, low-friction edge designed to prevent stencil wear. Permalex edge metal squeegees contain a unique base alloy and our special Permalex coating to provide superior performance.



Tempered spring steel alloy assures many thousands of flexures while maintaining original shape, unlike softer etched blades made from stencil material.



• Holder technology light weight and strong patented holders

The lightweight design eliminates most handling dents and dings; unique reference window insures accurate blade installation.

Options

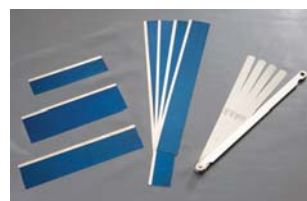
Add codes shown to end of any catalog part no. codes and descriptor



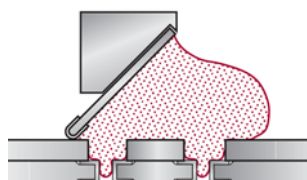
RED, GREEN, SILVER:
Add these codes to any universal squeegee holder assembly or hand squeegee used to segregate materials / lines.



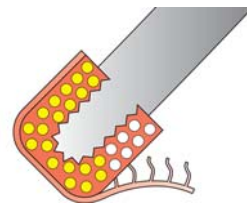
WH:
Use this code to have the proprietary Permalex coating applied to the entire squeegee blade. Prevents corrosion-but may shorten blade life.



0.006, 0.007, 0.008, 0.012:
Add this code to change the blade thickness from the standard 0.010; thinner for more delicate printing, thicker for faster and tougher printing.



A45, A__:
Add this code to specify a different angle between the squeegee blade and the stencil. Normal angle is 60 degrees (no code). For example, if you add -A45, the squeegee will be set to form a 45 degree angle with the stencil.



SE "Sharp edge":

Add this code for more delicate printing and better wiping. Normal 4mil radius of standard Permalex is reduced to approximately 2 mils.

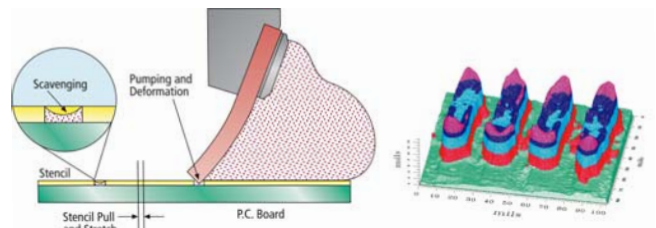
Note: For blade thickness <0.010 sharp edge is standard.

Advantages

• Advantages Over Rubber Squeegees

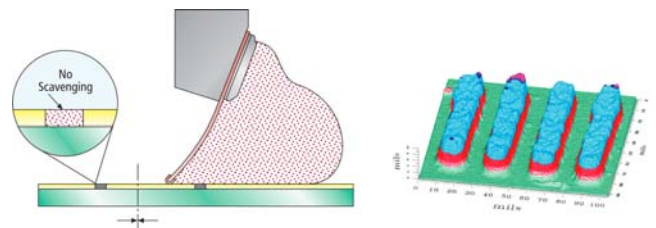
Rubber vs. metal

The diagram above shows the details of solder pad deposits made with a standard polymer squeegee. The diagram clearly shows uneven, dog-bone solder deposits resulting from scooping and scavenging. Courtesy of intergraph corporation.



Better results with permalex

Permalex edge metals squeegees eliminate pumping and scavenging, improving solder paste deposit quality. The smooth, lubricated edge reduces stencil pulling and stretching, improving pad registration and stencil life.



• Benefits Over Other Metal Squeegees



Fatigue bending

Blades made with soft etched stainless steel or nickel are prone to bending.



Fatigue warping

Soft metals allow bends and dings from handling.



Cracking and chipping

Other plated blades exhibit cracks and flakes.

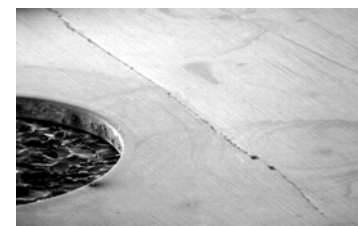




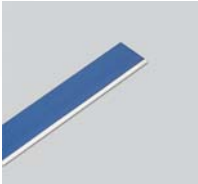

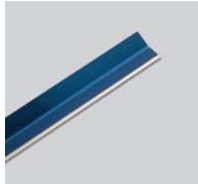


Photo shows crack in a nickel blade undetectable to the eye

Speedline, MPM, Quad-SMTech

Printer Model	Replace Original OEM Blades
UP-100	<p>Part No. – Code. F</p> <p>PLX-OEM-MPM15K-34-150 PLX-OEM-MPM15K-34-220 PLX-OEM-MPM15K-34-260 PLX-OEM-MPM15K-34-300 PLX-OEM-MPM15K-34-330 PLX-OEM-MPM15K-34-360 PLX-OEM-MPM15K-34-420 PLX-OEM-MPM15K-34-430 PLX-OEM-MPM15K-34-460 PLX-OEM-MPM15K-34-520 PLX-OEM-MPM15K-34-6</p> 
UP-200	
UP-500	
UP-1500	
Accuflex	
Accuprint	
SMTech	
Sigmaprint	
MicroFlex	
Momentum	
Reprint	
<p>Part No: PLX-MPM-UP1.5K-xx*-PR Price Code: D</p>  <p>Part No: PLX-MPM-S2-xx Price Code: E</p> 	

*xx denotes Length: Replace xx with the length of squeegee desired, in mm or inches.

Printer Model		
UP-2000	<p>Part No: PLX-MPM-UP2.0K-xx-PR Replacement blade, also fits OEM holder Price Code: D</p>  <p>"S" style holder (flat blade)</p> <p>Part No: PLX-MPM-S2-xx Price Code: E</p> 	<p>Part No: PLX-MPM-F-xx-PR Price Code: D</p>  <p>"F" Style Holder (bent blade)</p> <p>Part No: PLX-MPM-F2-xx Price Code: F</p> 
SPM-2000		

Two Choices

S-Style ↑

F-Style ↓





Replacement blade, also fits OEM holder

Available options

(Add codes to part numbers in combination)

- A45: Change angle to 45° (achieved by 15 degree bend in blade)
- RED, GREEN, SILVER: Change holder color (standard is blue)

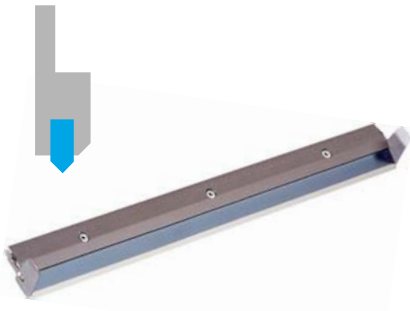
- 0.008, – 0.012: Change blade thickness
- WH: Whole blade permalex (prevents corrosion on spring steel)
- CH (YYY): Cut holder to YYY dimension (longer than blade (xx) dimension so holder can hold longer blade. • SE: Sharp edge

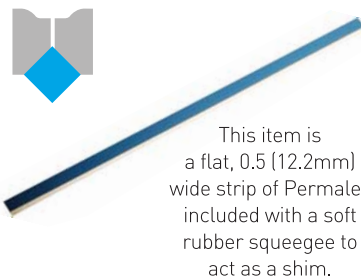
Printer Model	Printer Model
UP-3000	Acella
UP-2000 w/ "Pro" Head	<p>Part No: PLX-MPM-UP4.0K-xx-PR Price Code: D</p>  <p>Part No: PLX-MPM-S2-xx Price Code: E</p> 
AP20, 25, 27	
AP Hie	
<p>Part No: PLX-MPM-UP3.0K-xx*-PR Price Code: D</p>  <p>Part No: PLX-MPM-S2-xx Price Code: E</p> 	

*xx denotes Length: Replace xx with the length of squeegee desired, in mm or inches.

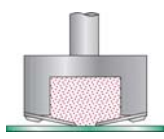
Replacement blade, also fits OEM holder

Printer Model	Printer Model	Printer Model	Printer Model
AP-20	Part No: PLX-MPM-B-xx-PR Price Code: B For models that use rubber squeegee holders	SP200	Part No: PLX-MPM-A-xx Price Code: E For models that use rubber squeegee holders
AP-25		SP1500	
AP-27		SP2000	
SP-20		SP2400	
Juki/Zevatech 220			






This item is a flat, 0.5 (12.2mm) wide strip of Permalux included with a soft rubber squeegee to act as a shim.




Part No. Code E
 PLX-PRO-MPM-01A-8
 PLX-PRO-MPM-01A-10
 PLX-PRO-MPM-01A-12
 PLX-PRO-MPM-01A-14
 PLX-PRO-MPM-01A-16
 Actual length is 1" longer than part number length.




Panasonic, Create, KME

Printer Model	Printer Model
SP10P-M SP20P-M SP22P-M SP28 SP28P-D (H) SP60 SP60P-M SP80	SPP SPPA SPPD SPPG1 SPPG3 SPPV


Part No: PLX-PAN-T-xx*-PR
Price Code: D



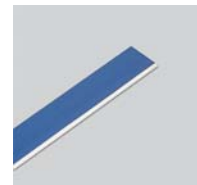
Part No: PLX-PAN-T2-xx
Price Code: E



Part No: PLX-PAN-SPP
SPPA
SPPD
SPPG1
SPPV - M
LL
XL -xx-PR
Price Code: D



Part No: PLX-PAN-R2-xx
Price Code: E



*xx denotes Length: Replace xx with the length of squeegee desired, in mm or inches.

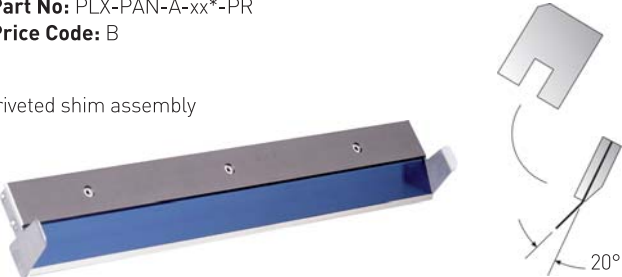
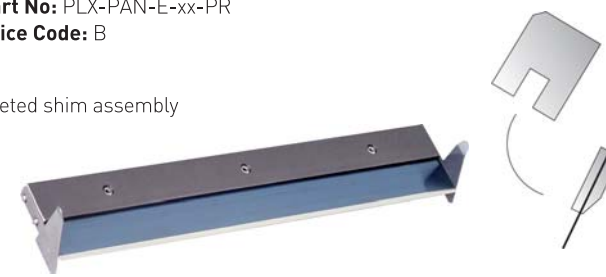
Available options

(Add codes to part numbers in combination)

- A45: Change angle to 45° (achieved by 15 degree bend in blade)
- RED, GREEN, SILVER: Change holder color (standard is blue)

- 0.008, - 0.012: Change blade thickness
- WH: Whole blade permalux (prevents corrosion on spring steel)
- CH (YYY): Cut holder to YYY dimension (longer than blade (xx) dimension so holder can hold longer blade. • SE: Sharp edge

For Rubber Squeegee Holders

Part No: PLX-PAN-A-xx*-PR Price Code: B riveted shim assembly		Part No: PLX-PAN-E-xx-PR Price Code: B riveted shim assembly	
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*xx denotes Length: Replace xx with the length of squeegee desired, in mm or inches.

DEK

Printer Model

265 (all models)
260
248
Galaxy
LT
ELA
Horizon
Infinity
Europa

"S" style hold
(flat blade)



Part No: PLX-DEK-S-xx-PR
Price Code: D



Part No: PLX-DEK-S2-xx
Price Code: E

S-Style

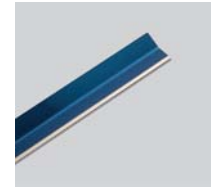
Two Choices

F-Style

"F" Style Holder
(bent blade)



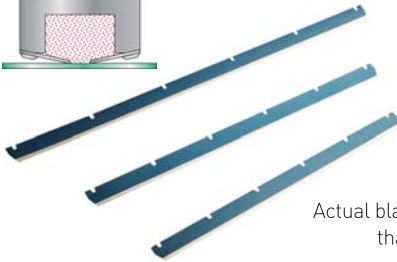
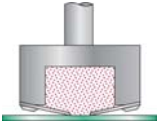
Part No: PLX-DEK-F-xx-PR
Price Code: D



Part No: PLX-DEK-F2-xx
Price Code: F

*xx denotes Length: Replace xx with the length of squeegee desired, in mm or inches.

Pro-Flow Systems



Part No. Code F

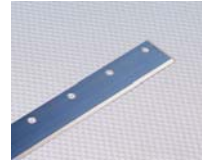
- PLX-PRO-DEK-01A-300
- PLX-PRO-DEK-01A-350
- PLX-PRO-DEK-01A-400
- PLX-PRO-DEK-01A-450
- PLX-PRO-DEK-01A-500

Actual blade length is 50 mm longer than the part number length.

Replace Original OEM Blades

Part No. Code. F

- | | |
|--------------------|--------------------|
| PLX-OEM-DEK-30-170 | PLX-OEM-DEK-30-440 |
| PLX-OEM-DEK-30-193 | PLX-OEM-DEK-30-483 |
| PLX-OEM-DEK-30-200 | PLX-OEM-DEK-30-510 |
| PLX-OEM-DEK-30-250 | PLX-OEM-DEK-30-535 |
| PLX-OEM-DEK-30-300 | PLX-OEM-DEK-30-580 |
| PLX-OEM-DEK-30-350 | PLX-OEM-DEK-30-610 |
| PLX-OEM-DEK-30-400 | |



EKRA

Printer Model

EKRA X Series
E4
E5
E6
MAT-S55A
MATS40

Part No: PLX-EKR-S-xx*-PR
Price Code: D



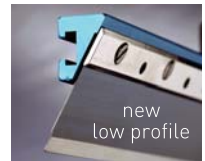
Part No: PLX-EKR-S2-xx
Price Code: E

*xx denotes Length: Replace xx with the length of squeegee desired, in mm or inches.

Replace Original OEM Blades

Part No. Code. F

- | | |
|--------------------|--------------------|
| PLX-OEM-EKR-33-180 | PLX-OEM-EKR-33-350 |
| PLX-OEM-EKR-33-200 | PLX-OEM-EKR-33-370 |
| PLX-OEM-EKR-33-210 | PLX-OEM-EKR-33-400 |
| PLX-OEM-EKR-33-220 | PLX-OEM-EKR-33-430 |
| PLX-OEM-EKR-33-250 | PLX-OEM-EKR-33-450 |
| PLX-OEM-EKR-33-260 | PLX-OEM-EKR-33-600 |
| PLX-OEM-EKR-33-270 | |
| PLX-OEM-EKR-33-300 | |



Printer Model

EKRA
E2



Part No: PLX-EKR-T-xx-PR
Price Code: D




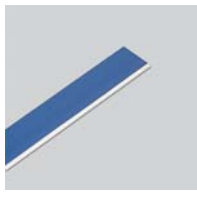

Part No: PLX-EKR-T2-xx
Price Code: E

Available options

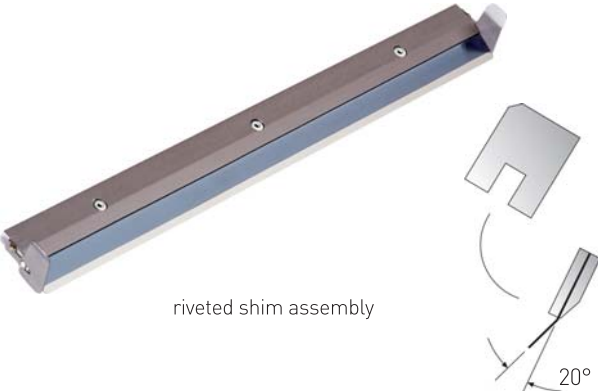
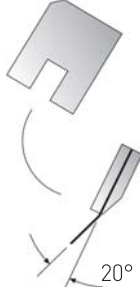
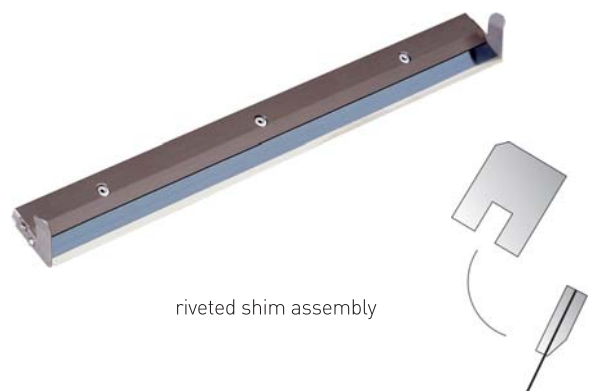
(Add codes to part numbers in combination)

- A45: Change angle to 45° (achieved by 15 degree bend in blade)
- RED, GREEN, SILVER: Change holder color (standard is blue)
- 0.008, - 0.012: Change blade thickness
- WH: Whole blade permallex (prevents corrosion on spring steel)
- CH (YYY): Cut holder to YYY dimension (longer than blade [xx] dimension so holder can hold longer blade.
- SE: Sharp edge



FUJI

Printer Model		Printer Model	
GSP Series	Part No: PLX-FUJ-K-xx*-PR Price Code: D  Part No: PLX-FUJ-K2-xx Price Code: E 	GP-551 E	Part No: PLX-FUJ-J-xx Price Code: B  Bonded straight blade assembly For hermetically sealed head assemblies
GP-341		GP-641 E	
GSP-I			
GSP-II			
GSP-III			
GP-641			
GP-551			
GSP-IV			
GP-641			
GP-551			

*xx denotes Length: Replace xx with the length of squeegee desired, in mm or inches.

For Rubber Squeegee Holders	
Part No: PLX-FUJ-A-xx-PR Price Code: A  riveted shim assembly 	Part No: PLX-FUJ-E-xx-PR Price Code: A  riveted shim assembly

deHaart

Part No: PLX-DEH-A-xx* Price Code: E For models that use rubber squeegee holders  This item is a flat, 0,5 (12.2mm) wide strip of Permalex included with a soft rubber squeegee to act as a shim *xx denotes Length: Replace xx with the length of squeegee desired, in mm or inches.	Part No: PLX-DEH-B-xx-PR Price Code: B For models that use rubber squeegee holders  Permalex metal blade, riveted with front and rear spacer.
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Minami

Printer Model

MK 878 SV
MK 880 SV
MK 868 SV
MK 838 SV
MK 831 SV

Part No: PLX-MIN-A-xx-PR
Price Code: D



Part No: PLX-MIN-A2-xx
Price Code: E



Part No: PLX-MIN-B-xx-PR
Price Code: D



Part No: PLX-MIN-B2-xx
Price Code: E



Available options

(Add codes to part numbers in combination)

- A45: Change angle to 45° (achieved by 15 degree bend in blade)
- 0.008, - 0.012: Change blade thickness

- WH: Whole blade permalex (prevents corrosion on spring steel)
- CH (YYY): Cut holder to YYY dimension (longer than blade (xx) dimension so holder can hold longer blade. • SE: Sharp edge

Hitachi

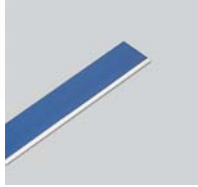
Printer Model

NP-04M
NP-04LP
HG610
TPM1100

Part No: PLX-HIT-A-xx*-PR
Price Code: D



Part No: PLX-HIT-A2-xx
Price Code: E



Available options

(Add codes to part numbers in combination)

- A45: Change angle to 45° (achieved by 15 degree bend in blade)
- 0.008, - 0.012: Change blade thickness
- WH: Whole blade permalex (prevents corrosion on spring steel)
- CH (YYY): Cut holder to YYY dimension (longer than blade (xx) dimension so holder can hold longer blade.
- SE: Sharp edge

*xx denotes Length: Replace xx with the length of squeegee desired, in mm or inches.

APS, Elite, Surface Mount Techniques

Printer Model

APS
SPR-40
SPR-45
Elite
5000
6000
Surface Mount Techniques
Opti-print series
Solderprint series
BAM sseries



Part No: PLX-SMT-A-xx*
Price Code: E

For models that use rubber squeegee holders






This item is a flat, 0,5 (12.2mm) wide strip of Permalex included with a soft rubber squeegee to act as a shim.

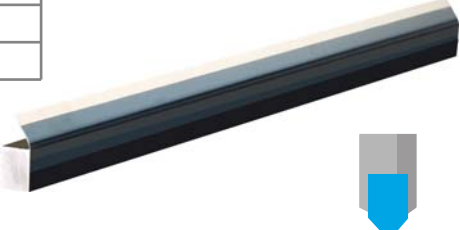
PrinTEK

Printer Model		Printer Model	
PrinTEK II	Part No: PLX-TRA-C-xx-PR Price Code: D	PrinTEK I (Semi-Automatic)	Part No: PLX-TRA-B-xx-PR Price Code: D
 <p>Part No: PLX-TRA-C2-xx Price Code: F</p>		 <p>Part No: PLX-TRA-A2-xx Price Code: F</p>	
*xx denotes Length: Replace xx with the length of squeegee desired, in mm or inches.		*xx denotes Length: Replace xx with the length of squeegee desired, in mm or inches.	

TDK

Printer Model		Printer Model	
Part No: PLX-TDK-A-xx-PR Price Code: C	VP-4		Part No: PLX-TDK-S-xx-PR Price Code: D
 <p>For models that use rubber squeegee holders</p>	 <p>riveted shim assembly</p>	 <p>Part No: PLX-TDK-S2-xx Price Code: E</p>	


HTI

Printer Model	
HT-1	Part No: PLX-HTI-B-xx* Price Code: B
HT-2	
HT-3	
HT-7	
3AV	
 <p>Front flush blade with bend bonded to shim to match 5-sided polymer squeegee</p>	
*xx denotes Length: Replace xx with the length of squeegee desired, in mm or inches.	

Juki

Printer Model
KS1710
Part No: PLX-OEM-JUK-35-430 PLX-OEM-JUK-35-xx Price Code: F




Motoprint/Uniprint

Printer Model
Part No. - Code. F
PLX-OEM-MOT-26-130
PLX-OEM-MOT-26-180
PLX-OEM-MOT-26-220
PLX-OEM-MOT-26-260
PLX-OEM-MOT-26-300
PLX-OEM-MOT-26-400


Speedprint Europlacer



Yamaha/Tenyru

Printer Model		Printer Model	
AVI Series	Replace Original OEM Blades	YMK880II	Part No. Price Code: A
SP-100	Part No. – Code. F	YMK 280	PLX-YAM-A-170
SP-200	PLX-OEM-SPT-40-130	YVP-XG	PLX-YAM-A-200
	PLX-OEM-SPT-40-140	TSP-200	PLX-YAM-A-230
	PLX-OEM-SPT-40-170		PLX-YAM-A-xx
	PLX-OEM-SPT-40-220		
	PLX-OEM-SPT-40-270		
	PLX-OEM-SPT-40-320		
	PLX-OEM-SPT-40-370		
	PLX-OEM-SPT-40-390		
	PLX-OEM-SPT-40-450		
	PLX-OEM-SPT-40-490		

Paste retainers not available



Sanyo

Part No: PLX-SAN-B-xx-PR Price Code: B		Part No: PLX-SAN-A-xx-PR Price Code: A	
	For models that use rubber squeegee holders		

Milara

Kistech



Printer Model		Printer Model	
TP 2929	Part No. Code. E	KT300	Part No. Price Code: F
ST 2929	PLX-MIL-S2-xx		PLX-OEM-KIS-38-270
MT 2020			PLX-OEM-KIS-38-370
STAV			PLX-OEM-KIS-38-400
STW-1			PLX-OEM-KIS-38-425
MTW-1			PLX-OEM-KIS-38-xx

Essemtec

Autotronik


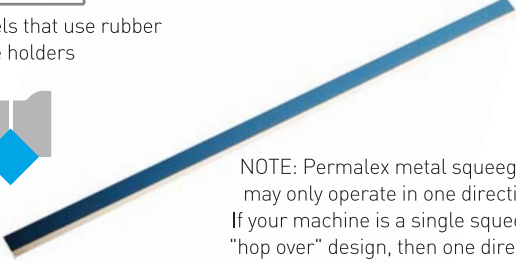
Printer Model		Printer Model	
SP002	Part No. Code. E	BS 1300	Part No. Code. F
SP003	PLX-OEM-ESS-20-xx	BS 1400	PLX-OEM-AUT-30-xx
SP200AV	PLX-OEM-ESS-25-xx		
SP600			
SP900			

AMI

Printer Model	
C.W. Price	Part No: PLX-SMT-A-xx* (no number) Price Code: E
Aremco	
Presco	

For models that use rubber squeegee holders





NOTE: Permalux metal squeegees may only operate in one direction. If your machine is a single squeegee "hop over" design, then one direction of print must be disabled.


*xx denotes Length: Replace xx with the length of squeegee desired, in mm or inches.

Exerra

Printer Model	
eP20	Part No: PLX-EXE-S-xx-PR Price Code: D
eP23	
eP25	
eP30	
eP35	



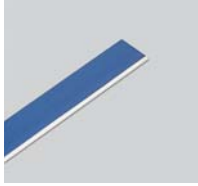
Part No: PLX-EXE-S-xx-RR
Price Code: E



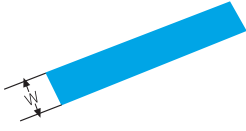
Custom Ordering

Make Your Own Custom Squeegee (All dimensions in millimeters)

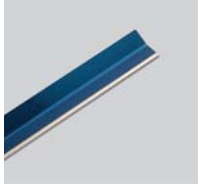
A.Flat blade



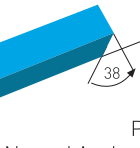
Part No: PLX-STK-A-[W]-xx
Price Code: E
For example:
W = 32 mm
Length: 350 mm
Part number:
PLX-STK-A-32-350



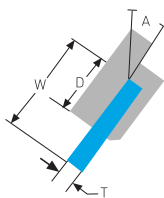
B.Blade w/ Bend



Part No: PLX-STK-B-[W]-xx
Price Code: F
For example:
W = 20 mm
Length: 240 mm
Part Number:
PLX-STK-B-20-240
Normal Angle on this style is: 38°.
For other angles, add code:
-A__ and specify angle.

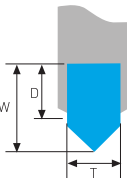


C. Shimmed blade



Part No: PLX-A-[W] [Tx10]-xx
Price Code: A
For example: W = 40 mm
T: 6 mm
Length: 400 mm
Part Number:
PLX-A4060-400

D. Shimmed blade w/Bend



Part No: PLX-B-[W] [Tx10]-xx
Price Code: B
For example: W = 20 mm
T: 10 mm, Length: 200 mm
Part Number:
PLX-B20100-200
Normal angle on this style is: 38°.
For other angles, add code:
-A__ and specify angle.

Misc Printers

Printer	Model
Micro-tec	MT-80SP, MT-320, MT-550, MT-750, MT-1100
Mechatronic	S10, S40, D40
Desen	DSP-1008, DSP-XP
VM star	1000
SJ Innotech	HP520, HP620
Sony	SI-P750, SI-P950
GKG	G1, G2, G3, K Series
Schmid	S84-GF
Folungwin	Win-5, FL-AVP737, FL-AVP816
Koma / genitec	KP440Va, KP100
Singking	SKVP-318, SKP-818, SKP-828, SKP-838
Suneast	G2
Multicomponents	MC-400

Contact us for part numbers and pricing.

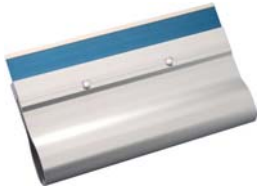
Available options

(Add codes to part numbers in combination)

- A45: Change angle to 45° (achieved by 15 degree bend in blade)
- RED, GREEN, SILVER: Change holder color (standard is blue)
- 0.008, - 0.012: Change blade thickness
- WH: Whole blade permalux (prevents corrosion on spring steel)
- CH (YYY): Cut holder to YYY dimension (longer than blade (xx) dimension so holder can hold longer blade.
- SE: Sharp edge

Handhelds

Part No: PLX-HAN-A-xx includes handle and blade
Price Code: F



Part No:
PLX-EXE-S2-xx
Price Code:
E



Part No:
PLX-Holder



Available options

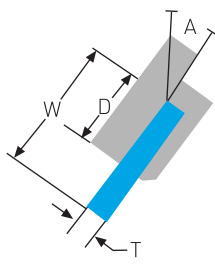
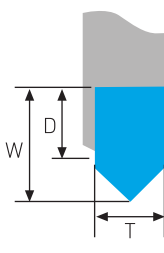
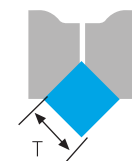
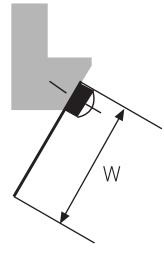
(Add codes to part numbers in combination)

- A45: Change angle to 45° (achieved by 15 degree bend in blade)
- RED, GREEN, SILVER: Change holder color (standard is blue)
- 0.008, - 0.012: Change blade thickness
- WH: Whole blade permalex (prevents corrosion on spring steel)
- CH (YYY): Cut holder to YYY dimension (longer than blade (xx) dimension so holder can hold longer blade.
- SE: Sharp edge

Custom Squeegee Specification Form

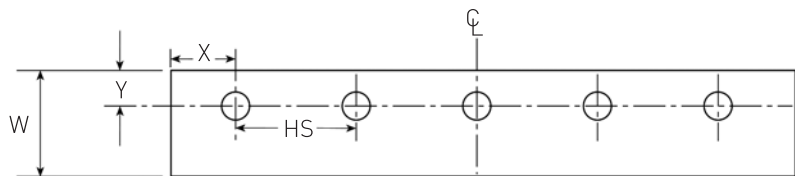
Printer Manufacturer and Model Number Overall Length of Squeegee (xx) mm

Please circle the type of squeegee you have and provide dimensions (in mm) listed:

 <p>W = ----- mm D = ----- mm T = ----- mm W = ----- mm</p>	 <p>W = ----- mm D = ----- mm T = ----- mm</p>	 <p>T = ----- mm</p>	 <p>W = ----- mm</p>
--	---	--	---

If there are holes in your squeegee, please provide the following information (in mm):

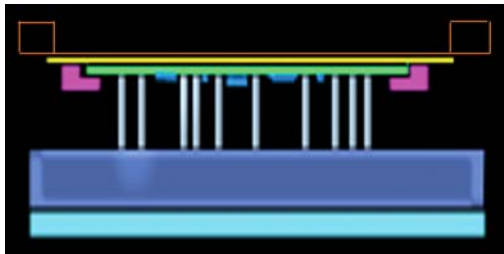
X = ----- mm
Y = ----- mm
HS = ----- mm



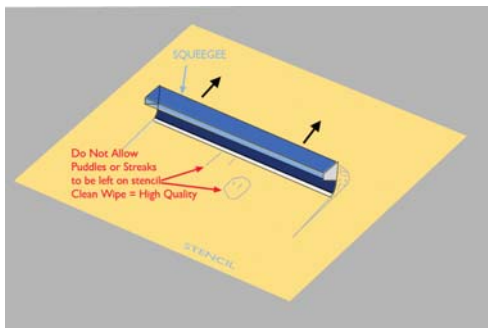
Centerline on Hole? Y_____ N_____ Number of Holes _____ Diameter of Holes _____ mm
Price Code: Call for Price and Part Number

Guidelines for High Quality SMT Printing

- A. Be sure stencil specs are suitable for your pitch.
- B. Check that your squeegee, stencil and pboard "stack" are parallel and rigid as possible



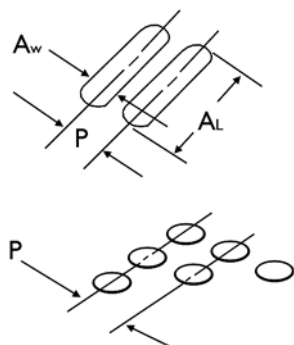
- C. Set squeegee pressure for a "clean wipe": Start at a low squeegee pressure force and adjust UP until a clean wipe is achieved; Add 10% more for variations.



Stencil Aperture and Thickness Suggestions:

	Aperture Size	Stencil Thickness
For course pitch, 0.050 inch and larger:	$A_w = 1/2 P$ AL= Land Pad	8-6 mils
For finepitch, 0.025 inch to 0.016 inch:	$A_w = 1/2 P$ AL=Land Pad	6-5 mils
For finepitch, 0.015 inch and smaller:	$A_w = 1/2 P$ AL=Land Pad	5-4 mils

A_w : Aperture width
 A_L : Aperture length
 P : Pitch



Notes:

1. For rectangular shaped stencil apertures. Adjust the length of the pad to fine tune solder joint volume, but hold the width dimension to 1/2 the pitch to maintain good printing.
2. For round shaped apertures. Maintain a web thickness between pads which is no smaller than 30% of pad diameter

Squeegee Inspection and Performance

- A. Be sure that your metal squeegees are straight and parallel, and free of nicks, dents or jagged edges. Do not use rubber squeegees - they deform and wear out quickly. Use only metal squeegees

- B. **Squeegee life:** Normal life-span of a metal squeegee depends on speed of printing, care when handling, quality of board support, and amount of pressure and force applied to squeegees during printing. Normally Permalox Edge squeegee will operate for well beyond 200,000 print cycles, and exceed 8 months of continuous use on an SMT line.

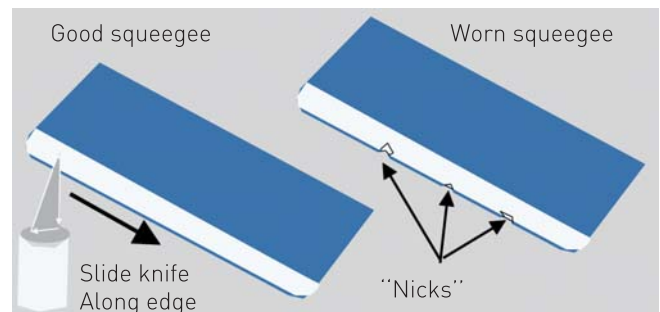
For high-quality Permalox squeegees, inspect edge by running a sharp edge (like a small screwdriver or razor knife) along the edge. There should be no nicks or dings or abnormalities which cause the sliding knife edge to jam or chatter while sliding.



Good squeegee



Reject squeegee



- C. **Rust and corrosion prevention:** Permalox edge metal squeegees are manufactured with an exceptional tempered spring steel which assured many hundreds of thousands of flexures. It's a great material for the application however it also is susceptible to corrosion

To prevent corrosion:

1. Avoid handling the Permalox squeegees with bare hands. Oil and salts from hands can accelerate corrosion.
2. Keep squeegees clean and dry and inside their storage tubes when not in use.
3. For maximum protection, or to reduce, clean and protect squeegees that show rust: apply a thin film of oil to the blades and wipe excess off before placing squeegees in storage.