

3M Fastening Systems (Cont.)

Dual Lock™ Reclosable Fastening Systems

Features:

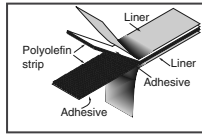
When these fasteners are pressed together, hundreds of mushroom-shaped stems interlock with one another. An audible snap announces that the fastener is locked. Compared to hook and loop fasteners, you get improved tensile strength with five times more holding power. Open and close hundreds of times during the life of your product. Plain-backed versions can be easily sewn, stapled or ultrasonically bonded in place. Adhesive-backed versions are available for bonding to bare or painted metal, many plastics including plasticized vinyl, plus wood, glass and more. For easy opening applications, you can mate Type 250 with Type 170. For medium opening, you can mate Type 170 with Type 400 or Type 250 with itself. For greater holding power with limited openings, you can mate Type 250 with Type 400 or mate Type 170 with Scotchmate Loop Products.

Plain-Backed: Sew on or staple. Wash or dry clean. • Operating Temperature: -20°F - 200°F (-29°C - 93°C)

Pressure Sensitive Rubber Adhesive-Backed: General purpose. Bonds to most surfaces. • Operating Temperature: -20°F - 120°F (-29°C - 49°C) continuous.

Pressure Sensitive Very High Bond Scotch™ VHB™ Acrylic Adhesive-Backed: High performance for aircraft, automotive, business equipment, electronics. Resists harsh wet/dry, hot/cold cycles. • Operating Temperature: -20°F - 158°F (-29°C - 70°C) continuous

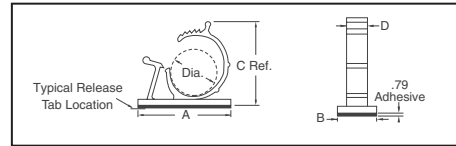
Dual Lock, Low Profile Acrylic Adhesive-Backed: • Material of Construction: Polypropylene • Operating Temperature: -29°F (29°C) and up to 158°F (70°C) • Single Thickness: .0645" (1.63mm) • Engaged Thickness: .0910" (2.31mm) • Closure Cycle Life: 100 - 150



Richco Adjustable Kwik Kliip

Features:

- 4 sizes adjust to any holding diameter from 5/16" - 1" (7.9 - 25.4mm)
- Locks securely, easily reopened for routing changes
- Adhesive back
- Material: Nylon 6/6
- Color: Natural



Dia. Range (mm)	Dimensions (mm)				Digi-Key Part No.	Pricing			Richco Part No.
	A	B	C	D		10	100	500	
7.87 - 10.16	25.40	19.05	22.10	10.16	RP309-ND	7.39	61.61	246.44	AKKL-3140A-RT
11.68 - 14.22	31.75	19.05	27.69	10.16	RP310-ND	9.24	77.03	308.10	AKKL-4756A-RT
14.48 - 19.05	38.10	19.05	31.75	12.70	RP311-ND	12.74	102.00	424.82	AKKL-5775A-RT
22.10 - 25.40	50.80	25.40	44.45	12.70	RP312-ND	14.42	120.20	480.80	AKKL-8710A-RT

Tie Holders



Fig. 1 — Features: • Multi-directional • Material: Nylon 6/6, UV Stabilized Nylon 6/6

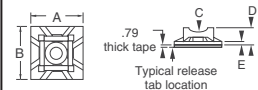
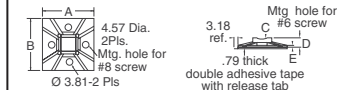


Fig. 2 — Features: • Ramp feature allows ties to pass through easily • 4-way entry • Material: Nylon 6/6, Adhesive, UV Stabilized Nylon 6/6



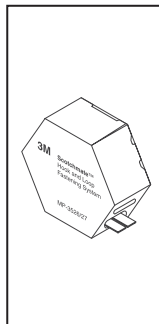
Width Inch (mm)	Type	Digi-Key Part No.	Note: X in Part No. = # of yds. Pricing			
			1 yd.	10 yds.	25 yds.	50 yds.
Plain-Backed — Black						
.5 (12.70)	250	SJ344012-X-ND	5.81	46.50	72.66	87.20
	400	SJ344112-X-ND	5.81	46.50	72.66	77.31
	170	SJ344212-X-ND	5.81	46.50	72.66	77.31
1 (25.40)	250	SJ344010-X-ND	9.79	78.31	122.36	146.83
	400	SJ344110-X-ND	9.69	77.50	121.10	128.85
	170	SJ344210-X-ND	9.69	77.50	121.10	128.85
Plain-Backed — Clear						
.5 (12.70)	250	SJ346012-X-ND	7.42	59.38	92.78	98.71
	170	SJ346010-X-ND	11.59	92.73	144.89	154.17
Pressure Sensitive Rubber Adhesive-Backed — Black						
.5 (12.70)	250	SJ354012-X-ND	6.81	54.51	85.18	102.21
	400	SJ354112-X-ND	6.62	52.93	82.70	87.99
	170	SJ354212-X-ND	6.62	52.93	82.70	87.99
1 (25.40)	250	SJ354010-X-ND	11.36	90.84	141.94	170.33
	400	SJ354110-X-ND	11.02	88.18	137.79	146.61
	170	SJ354210-X-ND	11.02	88.18	137.79	146.61
Pressure Sensitive Very High Bond Scotch™ VHB™ Acrylic Adhesive-Backed — Black						
.5 (12.70)	250	SJ355012-X-ND	9.70	77.62	121.28	129.04
	400	SJ355112-X-ND	9.70	77.62	121.28	129.04
	170	SJ355212-X-ND	9.70	77.62	121.28	129.04
1 (25.40)	250	SJ355010-X-ND	16.17	129.33	202.08	242.49
	400	SJ355110-X-ND	16.17	129.33	202.08	206.12
	170	SJ355210-X-ND	16.17	129.33	202.08	206.12
Pressure Sensitive Very High Bond Scotch™ VHB™ Acrylic Adhesive-Backed — Clear						
.5 (12.70)	250	SJ356012-X-ND	11.14	89.12	139.25	148.16
	170	SJ356010-X-ND	18.57	148.58	232.15	236.79
Dual Lock, Low Profile Acrylic Adhesive-Backed — Clear						
1 (25.40)	300 LSE	SJ457010C-X-ND	4.82	30.96	60.20	—
Dual Lock, Low Profile Acrylic Adhesive-Backed — Black						
1 (25.40)	300 LSE	SJ457510B-X-ND	4.36	28.05	62.33	109.08

MiniPack

Features: Assorted Hook, Loop and Dual Lock™ Fastening systems.



Description	Digi-Key Part No.	Price Each		
		1	5	10
Hook and Loop (4.9 yards per pack)				
Black, 1", Sew-on	MP-3401/02B-ND	19.27	16.52	14.87
White, 1", Sew-on	MP-3401/02W-ND	19.27	16.52	14.87
Black, 1", Adhesive	MP-3526/27B-ND	37.14	31.83	28.65
White, 1", Adhesive	MP-3526/27W-ND	37.14	31.83	28.65
Dual Lock™ (4.9 yards per pack)				
Black, 1", Adhesive	MP-3541/42B-ND	55.11	47.24	42.52
Black, 1", High Bond	MP-3551/52B-ND	77.11	66.09	59.49
Dual Lock, Low Profile (10 feet per pack)				
Clear, 5/8", Adhesive	MP-457058C-10-ND	14.82	—	12.71

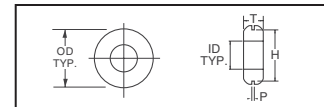


Hole Grommet



Features:

- Installs instantly
- Material: Flexible vinyl
- Color: Black



ID	Dimensions (mm)				Digi-Key Part No.	Pricing			Richco Part No.
	H	P	OD	T		10	100	500	
3.05	4.57	1.52	7.87	6.35	RP450-ND	1.48	12.30	49.20	HG-2
3.81	6.35	1.52	9.40	6.35	RP451-ND	1.52	12.69	50.74	HG-2.5
4.57	7.87	.76	10.92	4.57	RP452-ND	1.67	13.92	55.68	HG-3
5.33	7.87	1.52	10.92	5.33	RP453-ND	1.86	15.52	62.06	HG-3.5
6.35	9.40	2.29	14.22	7.11	RP454-ND	2.05	17.10	68.38	HG-4
9.40	12.70	1.52	17.27	7.11	RP455-ND	3.42	28.49	113.94	HG-6
14.22	17.27	1.52	22.10	4.57	RP456-ND	4.33	36.09	144.36	HG-9
17.27	19.05	1.52	23.62	4.57	RP457-ND	4.79	39.88	159.50	HG-11

More Product Available Online: www.digkey.com

Toll-Free: 1-800-344-4539 • Phone 218-681-6674 • Fax: 218-681-3380

(T083) 2215



Liquid Tight Grommet

Features:

- Provides dust and watertight seal
- Conforms to IP67 standards
- Provides light strain relief
- Fits a variety of cable sizes



Fig. 1

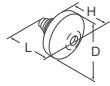


Fig. 2

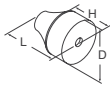
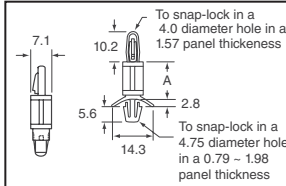


Fig.	Color	Material	Panel Hole (mm)	Panel Thick (mm)	Cable Size (mm)	Dimensions (mm)			Digi-Key Part No.	Price Each	Richco Part No.	
						D	L	H	10	100		
1	Black	RMS-153	12.5	0.5-2.0	3.0-5.0	19.8	17.0	7.1	RP740-ND	1.16	.97	LTG-199017
			16.0	1.0-4.0	5.0-7.0	21.0	18.9	6.2	RP741-ND	2.14	1.43	LTG-39897
			19.0	1.0-4.0	7.0-10.0	23.9	19.6	6.1	RP742-ND	.71	.47	LTG-34715
			23.0	1.0-4.0	10.0-14.0	27.9	22.9	6.6	RP743-ND	3.01	2.01	LTG-34716
2	Gray	RMS-125	29.0	1.0-4.0	14.0-20.0	35.8	24.4	6.6	RP744-ND	3.55	2.37	LTG-43021

Locking Circuit Board Supports

Features:

- Both ends lock by hand; no tools required
- Strong, dependable grip
- Material: Nylon 6/6
- Color: Natural

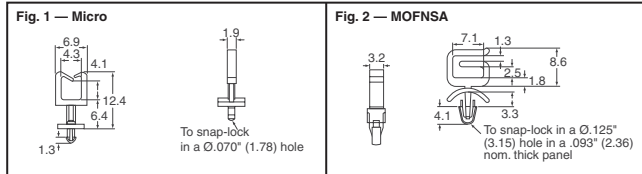


Dim. A (mm)	Digi-Key Part No.	Pricing				Richco Part No.
		10	100	500	1,000	
4.57	RP425-ND	2.19	18.24	72.96	109.44	LCBS-3
6.35	RP426-ND	2.33	19.41	77.62	116.43	LCBS-4
9.40	RP428-ND	2.45	20.38	81.50	122.25	LCBS-6
10.92	RP429-ND	2.54	21.20	84.78	127.17	LCBS-7
12.70	RP430-ND	2.63	21.92	87.66	131.49	LCBS-8
15.75	RP431-ND	2.81	23.44	93.76	140.64	LCBS-10
19.05	RP432-ND	3.00	24.99	99.96	149.94	LCBS-12
25.40	RP434-ND	3.37	28.10	112.40	168.60	LCBS-16

Wire Saddle

Features:

Wire Saddles are ideal for routing wires or optical fiber. Wires can be easily inserted into the top side of the saddle to protect them from abrasion. The **Micro** is ideal for low profile applications and takes up very little real estate. The **MOFNSA** is designed to snap into a .125" diameter hole in a .093" thick panel for applications that require a thicker board than the standard 1/16" board.

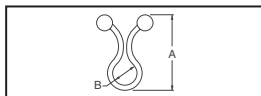


Hole Dia. Inch (mm)	Panel Thickness Inch (mm)	Digi-Key Part No.	Price Each	Richco Part No.		
			10	100	500	
Fig. 1 — Standoff Micro Wire Saddle						
.070 (1.75)	.062 (1.57)	RP738-ND	.32	.27	.21	SMWS-1-01
.070 (1.75)	.093 (2.36)	RP739-ND	.32	.27	.21	SMWS-1-01
Fig. 2 — Mini Optical Fiber Network Saddle						
.125 (3.18)	.093 (2.36)	RP737-ND	.25	.21	.17	MOFNSA-2-01

Twist-Lok — TL Series

Features:

- Twist to secure wire bundles
- Material: Nylon 6/6, RMS-01
- Color: Natural

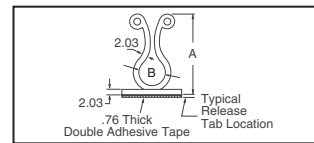


"A" Overall Height (mm)	"B" Wire Bundle Dia. (mm)	Digi-Key Part No.	25	Pricing	1,000	Richco Part No.
				100		
22.86	5.08 ~ 7.62	RP600-ND	2.67	9.14	54.83	TL-250
26.16	7.62 ~ 10.16	RP601-ND	2.85	9.77	58.64	TL-350
30.48	10.16 ~ 12.70	RP602-ND	3.07	10.54	63.22	TL-450
33.78	13.97 ~ 16.51	RP603-ND	3.21	11.00	65.99	TL-600
39.37	17.78 ~ 20.32	RP604-ND	3.73	12.78	76.68	TL-750
43.18	25.40 Maximum	RP605-ND	3.83	13.14	78.84	TL-950
55.63	30.23 Maximum	RP606-ND	5.19	17.80	106.78	TL-1125
68.07	36.58 Maximum	RP607-ND	6.18	21.18	127.08	TL-1375
74.42	39.62 Maximum	RP608-ND	7.67	26.29	157.75	TL-1500
87.63	45.97 Maximum	RP609-ND	8.13	27.88	167.29	TL-1750

Kurly-Lok On Base — KLB Series

Features:

- Adhesive backing, RMS-15
- Material: Nylon 6/6, RMS-01
- Color: Natural

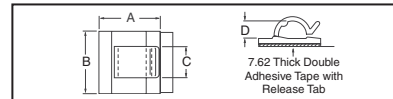


"A" Overall Height (mm)	"B" Wire Bundle Dia. (mm)	Digi-Key Part No.	25	Pricing	1,000	Richco Part No.
				100		
27.18	7.62 ~ 10.16	RP610-ND	12.04	41.27	247.61	KLB-350A-RT
31.24	10.16 ~ 12.70	RP611-ND	13.31	45.63	273.78	KLB-450A-RT
40.13	17.78 ~ 20.32	RP612-ND	13.99	47.95	287.71	KLB-750A-RT

Wire Cord Klip — WCK Series

Features:

- Adhesive backing for quick mounting
- Material: Nylon 6/6, RMS-01
- Color: Natural

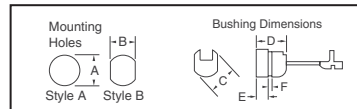


Hole Dia. (mm)	Dimensions (mm)					Digi-Key Part No.	25	Pricing	1,000	Richco Part No.
	A	B	C	D	E					
With Tape										
4.57	16.00	15.75	7.87	4.06	RP617-ND	13.31	45.65	273.89		WCK-180-01A-RT
11.43	25.15	25.15	11.94	7.11	RP618-ND	23.37	80.13	480.78		WCK-460-01A-RT
18.29	25.40	25.40	12.70	13.46	RP619-ND	29.06	99.64	597.82		WCK-720-01A-RT
Without Tape										
18.29	25.40	25.40	12.70	13.46	RP622-ND	24.01	82.33	493.96		WCK-720-01

Strain Relief Bushings — SRB-F and SRB-R Series

Features:

- Bushing eliminates strain and wear on wires and cords
- Withstands temperatures to 150°F (65°C)
- Material: Nylon 6/6, RMS-04
- Color: Black



Digi-Key Part No.	Approx. Wire Size (mm)	Mounting Holes (mm)		Bushing Dimensions (mm)			
		Style A	Style B	C	D	E	F*
RP461-ND	2.79 x 5.33	9.52	8.76	10.79	10.41	3.94	1.57
	2.29 x 4.57						
RP462-ND	4.09 x 7.62	11.81	14.48	12.70	4.34	2.54	
	3.81 x 7.11						
RP463-ND	4.06 x 9.40	14.27	13.46	15.49	15.24	6.10	3.30
	3.81 x 8.64						
	5.08 x 9.40						
	4.57 x 8.89						
RP464-ND	4.83 x 7.62	12.70	11.58	13.84	10.19	3.61	1.80
	3.81 x 7.11						
	4.06 x 7.62						
RP465-ND	6.35	11.81	14.22	10.92	4.19	2.54	
	6.73						
	7.37						
	6.86						
RP466-ND	8.25	14.48	18.45	17.27	6.98	3.18	
	7.62						
	9.02						
	8.38						

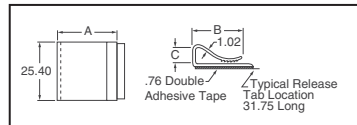
* Maximum Panel Thickness

Digi-Key Part No.	Pricing				Richco Part No.
	25	100	1,000	5,000	
RP461-ND	10.54	36.12	216.72	174.58/M	SRB-F-2
RP462-ND	4.00	13.73	82.37	66.36/M	SRB-F-4
RP463-ND	13.35	45.78	274.68	221.27/M	SRB-F-5
RP464-ND	3.26	11.18	67.10	54.06/M	SRB-F-7
RP465-ND	3.64	12.49	74.92	60.35/M	SRB-R-5
RP466-ND	8.09	27.73	166.36	134.01/M	SRB-R-6
RPSRPL-ND	SRB Pincher Tool..... \$95.43/1				SRPL-2

C-Type Flat Cable Clamps — CFCC Series

Features:

- Designed for routing flat ribbon cable
- Serrated grip to prevent slippage
- Adhesive backing for quick mount in any direction
- Material: Noryl-White, RMS-05; PVC-Gray, RMS-04



Material	Dimensions (mm)			Digi-Key Part No.	25	Pricing	1,000	Richco Part No.
	A	B	C					
Noryl-White	14.27	12.45	4.57	RP391-ND	11.89	40.76	244.58	CFCC-3-05A-RT
	14.27	10.16	6.35	RP392-ND	15.09	51.73	310.39	CFCC-4-05A-RT
	26.97	22.35	6.35	RP393-ND	18.83	64.56	387.36	CFCC-8-05A-RT
Rigid PVC-Gray	26.97	22.35	6.35	RP394-ND	14.53	49.80	298.80	CFCC-8-04A-RT

More Product Available Online: www.digkey.com