



CABLE TIES AND ACCESSORIES

**Farnell
Technical
Data
Service**

ORDER CODE

149-326 TO 149-337 150-153
150-271 TO 151-282
150-152 151-306, 151-307

STANDARD TIES


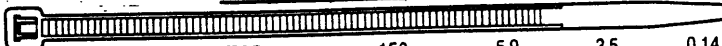


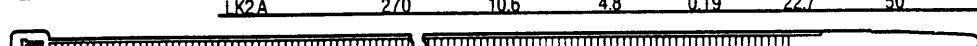
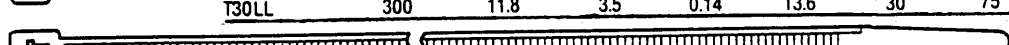
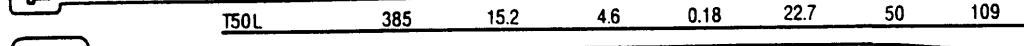
The Insulok range of Cable Ties are moulded in Nylon 66. Standard colours Black and Natural. A range of Coloured Ties are available.

- One-piece, all plastic (no metal pins or fasteners).
- Quick, simple fixing by hand or with Tensioning Tools.
- Low cost components.
- Manufactured to the Quality Control requirements of BS5750 Part 2 and and U.S. Mil. Spec. 23190

The 'T' range of ties are listed by the U.S. Defence Department and meets the dimensional requirements of Drawing MS 3367.

APPROVALS:-



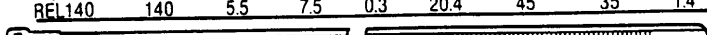
American Mil. Spec. 23190
U.L. (Underwriters Laboratory)
Defence Standard AQAP-9
Lloyds Register of Shipping.
Bureau Veritas
Ford Q101

Reference Number	Nom. Overall Length		Strap Width		Min. Tensile Strength		Max. Cable Bundle Dia.		Mounting Head Fixing Hole mm
	mm	in	mm	in	Kg	Lbs	mm	in	
 T18R	100	3.9	2.5	0.10	8.1	18	16	0.6	3.3
 T30R	150	5.9	3.5	0.14	13.6	30	35	1.4	4.4
 T50R	200	7.9	4.6	0.18	22.7	50	50	2.0	5.4
 TK2A	270	10.6	4.8	0.19	22.7	50	73	2.9	
 T30LL	300	11.8	3.5	0.14	13.6	30	75	3.0	
 T50L	385	15.2	4.6	0.18	22.7	50	109	4.3	5.4
 T120R	390	15.4	7.6	0.30	54.4	120	108	4.3	6.4

RELEASEABLE TIES

These ties are easily assembled by hand and remain locked until intentionally released by the finger catch. They can be used in a variety of applications where temporary fastening or servicing/replacement is required.

Material: Nylon 66

Reference Number	Nom. Overall Length		Strap Width		Min. Tensile Strength		Max. Cable Bundle Dia.	
	mm	in	mm	in	Kg	Lbs	mm	in
 REL100	100	3.9	6.5	0.3	18.1	40	21	0.8
 REL140	140	5.5	7.5	0.3	20.4	45	35	1.4
 REL250	250	9.8	7.5	0.3	20.4	45	68	2.7

Farnell Electronic Components Limited

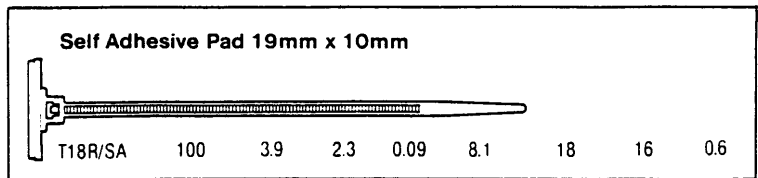
Sales (0532) 636311, Technical (0532) 799123, Dataline (0532) 310160, Fax (0532) 633411, Telex 55147

SELF ADHESIVE TIE

This one piece self adhesive fixing replaces a cable tie and separate cradle. Quick, simple fixing by hand or with a standard tensioning tool.

Material: Nylon 66.

Colour: Natural.

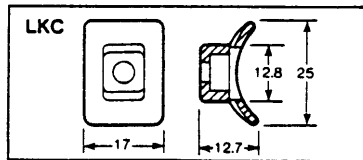


CABLE TIE MOUNTS

LKC

Holds cables and harnesses clear of panel surface. For use with Insulok Cable Ties up to 9.4mm wide.

Fixing: M5 bolt.

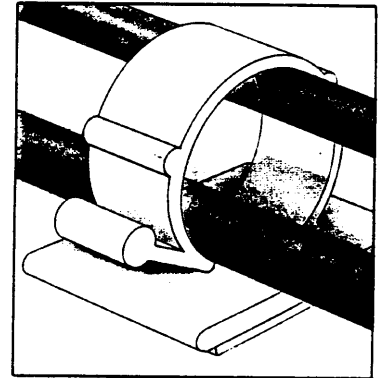


R.A. SELF ADHESIVE CLIPS

Designed to secure cables or harnesses where fixing holes are impractical. The R.A. range of self adhesive clips keep labour costs to a minimum. They can be applied to most smooth clean surfaces. The snap-in action to secure the cable also takes the minimum of assembly time.

Material: Nylon 66 Colour: Natural

Ref. No.	A	B	C	D	E
RA3	13.0	13.0	5.0	5.0	3.0
RA6	19.0	19.0	5.0	9.0	6.0
RA9	19.0	19.0	7.5	12.5	9.0
RA13	25.0	25.0	10.0	16.5	13.0
RA18	28.5	28.5	10.0	23.0	18.0



MOUNTING BASES

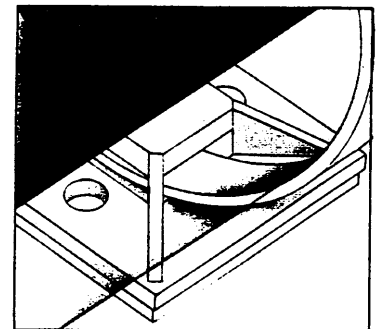
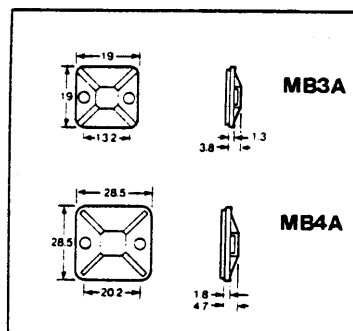
Self adhesive bases. Insertion of ties can be made from all four sides.

MB3A - accepts ties up to 3.5mm wide.

MB4A - accepts ties up to 6.5mm wide.

Material: Nylon 66.

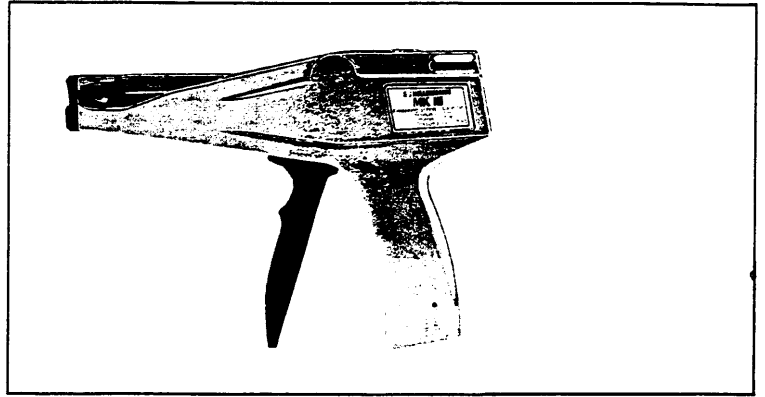
Colour: Natural.



TENSIONING TOOLS FOR NYLON TIES

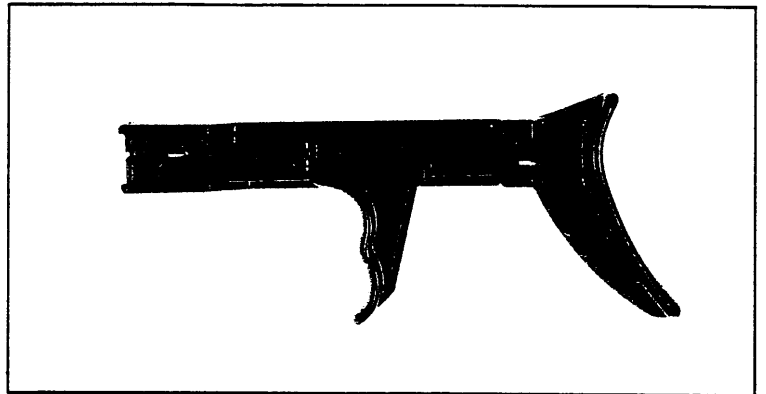
MARK 3

Standard Tensioning Tool for use with Insulok Cable Ties 2.5mm wide through to 4.8mm wide. Adjustable preset Tensioner with automatic cutting.



MARK 20

Low cost plastic tensioning tool. Operator controlled tension and twist to cut. Tie sizes 2.5mm to 4.8mm wide.



CROSS REFERENCE AND COLOURS

STANDARD TIES

<u>MANUFACTURERS</u> <u>Part Number</u>	<u>Colour</u>	<u>PK QTY</u>
T18R	Natural	100
	Natural	1000
	Black	100
	Red	100
	Blue	100
	Green	100
	Yellow	100
T30R	Natural	100
	Natural	1000
	Black	100
	Red	100
	Blue	100
	Green	100
	Yellow	100
T50R	Natural	100
	Black	100
	Red	100
	Blue	100
	Green	100
	Yellow	100
LK2A	Natural	100
T30LL	Natural	100
	Black	100
T50L	Natural	100
	Black	100
T120L	Natural	100
	Black	100

FEC Part No.

149-326
150-152
149-332
151-271
151-274
151-277
151-280
149-327
150-153
149-333
151-272
151-275
151-278
151-281
149-328
149-334
151-273
151-276
151-279
151-282
149-930
149-329
149-335
149-330
149-336
149-331
149-337

RELEASEABLE TIES

<u>MANUFACTURERS</u> <u>Part Number</u>	<u>Colour</u>	<u>PK QTY</u>	<u>FEC Part No</u>
REL100	Black	100	149-338
REL140	Black	100	149-339
REL250	Black	100	149-340
	Green	100	150-154
<u>SELF ADHESIVE TIE</u>			
T18R/SA	Natural	100	149-928
<u>CABLE TIE MOUNT</u>			
LKC	Natural	100	149-931
	Black	100	150-157
<u>RA SELF ADHESIVE CLIPS</u>			
RA3	Natural	50	149-935
RA6	Natural	50	149-936
RA9	Natural	50	149-937
RA13	Natural	50	149-938
RA18	Natural	50	149-939
<u>MOUNTING BASES</u>			
MB3A	Natural	50	149-341
MB4A	Natural	50	149-342

TENSIONING TOOLS FOR NYLON TIES

MARK 3	151-307
MARK 20	151-306