

NYLON CABLE TIES

SPECIFICATION

Kompress Cable Ties are produced to comply with the requirements of Military Specification MIL-S 23190E and supplied in accordance with our ISO 9001 accreditation.

They have a working temperature of -40°C + 85°C and are primarily manufactured from virgin nylon 66 in natural colour, unless specified otherwise, as indicated as below. Kompress Cable Ties are normally supplied in packs of 100 pieces.

BLACK AND OTHER COLOURS

Most cable ties and accessories are available in black colour. Suffix BL should be added for black products. Many sizes of nylon ties are also available in red, blue, orange, green, yellow, silver grey, purple and other colours. Consult Kompress for details.

e.g. KCT 100 - 2.5BL

HS UV STABILISED (WEATHER RESISTANT) BLACK

If Cable Ties are to be installed in conditions of high UV radiation, an increased weather resistant version can be obtained. That is achieved by the addition of carbon black stabiliser additive to the Nylon 66 polymer which produces a black UV stabilised product. If this is required add suffix UV to part number. If higher operating temperature is required (110°C) add suffix HSUV.

e.g. KCT 300 - 4.8UV

These products are available only in packs of 100 pieces

HOW TO SPECIFY

The Kompress part numbering system has been carefully devised to help the specifier understand and recognise each element of the code. This simple part numbering system makes specifying easy without constant reference to the catalogue.

This is how the part number is created-

e.g. KCT 200 - 4.8BL

If the variations listed above are required add appropriate suffix.

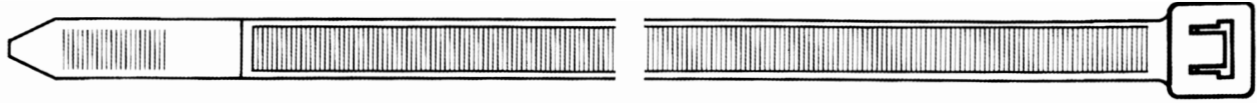
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KCT (Kompress Cable Tie). **200** (Length mm). **4.8** (Width mm). **BL** (Black Colour).

CABLE TIES AND FIXINGS



Nylon Cable Ties



TIE WIDTH 2.5MM

PART NO.	LENGTH		WIDTH		MAX. BUNDLE DIAMETER		MIN. TENSILE STRENGTH	
	MM	INCHES	MM	INCHES	MM	INCHES	KGS	LBS
KCT80 - 2.4	80	3 1/8"	2.5	0.098	15	0.59	8	18
KCT100 - 2.5	100	4"	2.5	0.098	22	0.87	8	18
KCT160 - 2.5	165	6 1/2"	2.5	0.098	43	1.69	8	18
KCT200 - 2.5	203	8"	2.5	0.098	53	2.09	8	18

TIE WIDTH 3.6MM

PART NO.	LENGTH		WIDTH		MAX. BUNDLE DIAMETER		MIN. TENSILE STRENGTH	
	MM	INCHES	MM	INCHES	MM	INCHES	KGS	LBS
KCT140 - 3.6	142	5 1/2"	3.6	0.142	33	1.3	18	40
KCT200 - 3.6	203	8"	3.6	0.142	52	2.05	18	40
KCT300 - 3.6	300	11 1/2"	3.6	0.142	76	2.99	18	40
KCT370 - 3.6	368	14 1/2"	3.6	0.142	102	4.02	18	40

TIE WIDTH 4.6MM

PART NO.	LENGTH		WIDTH		MAX. BUNDLE DIAMETER		MIN. TENSILE STRENGTH	
	MM	INCHES	MM	INCHES	MM	INCHES	KGS	LBS
KCT120 - 4.8	120	4 3/4"	4.6	0.181	24	0.94	22	50
KCT160 - 4.8	160	6 1/4"	4.6	0.181	38	1.5	22	50
KCT200 - 4.8	203	8"	4.6	0.181	50	1.97	22	50
KCT250 - 4.8	250	10"	4.6	0.181	65	2.56	22	50
KCT300 - 4.8	300	11 1/2"	4.6	0.181	80	3.15	22	50
KCT370 - 4.8	368	14 1/2"	4.6	0.181	102	4.02	22	50
KCT430 - 4.8	432	17"	4.6	0.181	120	4.72	22	50

TIE WIDTH 7.6MM

PART NO.	LENGTH		WIDTH		MAX. BUNDLE DIAMETER		MIN. TENSILE STRENGTH	
	MM	INCHES	MM	INCHES	MM	INCHES	KGS	LBS
KCT200 - 7.6	203	8"	7.6	0.299	50	1.97	55	120
KCT250 - 7.6	250	10"	7.6	0.299	65	2.56	55	120
KCT300 - 7.6	300	11 7/8"	7.6	0.299	80	3.15	55	120
KCT370 - 7.6	370	14 1/2"	7.6	0.299	102	4.02	55	120
KCT450 - 7.8	450	17 3/4"	7.6	0.299	128	5.04	55	120
KCT540 - 7.8	550	21 11/16"	7.6	0.299	160	6.3	55	120
KCT750 - 7.8	750	29 1/2"	7.6	0.299	223	8.78	55	120

TIE WIDTH 9.0MM

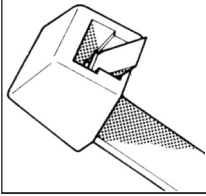
PART NO.	LENGTH		WIDTH		MAX. BUNDLE DIAMETER		MIN. TENSILE STRENGTH	
	MM	INCHES	MM	INCHES	MM	INCHES	KGS	LBS
KCT430L - 9.0	430	17"	9	0.354	116	4.57	80	175
KCT610L - 9.0	610	24"	9	0.354	175	6.89	80	175
KCT710L - 9.0	710	28"	9	0.354	207	8.15	80	175
KCT780L - 9.0	776	30 1/2"	9	0.354	228	8.98	80	175
KCT920L - 9.0	920	36 1/4"	9	0.354	274	10.79	80	175

TIE WIDTH 13MM

PART NO.	LENGTH		WIDTH		MAX. BUNDLE DIAMETER		MIN. TENSILE STRENGTH	
	MM	INCHES	MM	INCHES	MM	INCHES	KGS	LBS
KCT580X - 13	580	22 3/4"	12	0.5	152	5.98	114	250

CABLE TIES AND FIXINGS

SPECIAL DESIGN - RELEASABLE

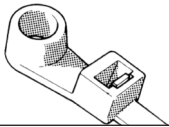


PART NO.	LENGTH		WIDTH		MAX. BUNDLE DIAMETER		MIN. TENSILE STRENGTH	
	MM	INCHES	MM	INCHES	MM	INCHES	KGS	LBS
KRCT125 - 7.6	125	4 1/8"	7.6	0.299	28	1.1	22	50
KRCT150 - 7.6	150	5 1/8"	7.6	0.299	35	1.38	22	50
KRCT200 - 7.6	203	8"	7.6	0.299	50	1.97	22	50
KRCT250 - 7.6	250	10"	7.6	0.299	65	2.56	22	50
KRCT300 - 7.6	300	11 7/8"	7.6	0.299	85	3.35	22	50
KRCT350 - 7.6	350	13 7/8"	7.6	0.299	100	3.94	22	50

SPECIAL DESIGN - 94V-0 FLAME RETARDANT

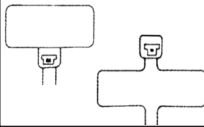
PART NO.	LENGTH		WIDTH		MAX. BUNDLE DIAMETER		MIN. TENSILE STRENGTH	
	MM	INCHES	MM	INCHES	MM	INCHES	KGS	LBS
KCT100 - 2.5HSUV	100	4"	2.5	0.098	22	0.87	18	40
KCT150 - 3.6HSUV	150	5 1/8"	3.6	0.142	35	1.38	18	40

SPECIAL DESIGN - MOUNTING



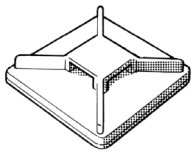
PART NO.	LENGTH		WIDTH		MAX. BUNDLE DIAMETER		MIN. TENSILE STRENGTH	
	MM	INCHES	MM	INCHES	MM	INCHES	KGS	LBS
KCTMH150 - 3.6	150	5 1/8"	3.6	0.142	32	1.26	18	40
KCTMH300 - 4.8	300	11 7/8"	4.8	0.189	80	3.15	22	
KCTMH300 - 7.6	313	12 5/16"	7.6	0.299	76	2.99	55	120

SPECIAL DESIGN - MARKER



PART NO.	LENGTH		WIDTH		MAX. BUNDLE DIAMETER		MIN. TENSILE STRENGTH	
	MM	INCHES	MM	INCHES	MM	INCHES	KGS	LBS
KCTMT100 - 2.5	100	4"	2.5	0.098	18	0.71	8	18
KCTMFT110 - 2.5	112	4 3/8"	2.5	0.098	18	0.71	8	18
KCTMFT210 - 2.5	210	8"	2.5	0.098	50	1.97	8	18

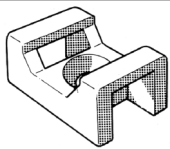
SELF ADHESIVE MOUNTS



PART NO.	BASE WIDTH mm (inches)	BASE LENGTH mm (inches)	HEIGHT mm (inches)	MAX. TIE WIDTH mm (inches)	SCREW SIZE metric (US)
KCTMSA-20X2	20 (.79)	20 (.79)	5 (.2)	5 (.2)	-
KCTMSA-28X2	25 (.98)	25 (.98)	7 (.28)	5 (.2)	M5 (#10)
KCTMSA-30X2	28 (1.1)	28 (1.1)	7 (.28)	5 (.2)	M6 (¼)

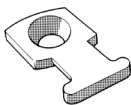
4-Way nylon mounts for rapid fixing to smooth, dry, clean surfaces.
Supplied in pairs for ease of use. KCTMSA-28 and KCTMSA-30 can also be fixed with screws.
Colours: Natural and Black (add suffix BL)

SCREW FIXING MOUNTS



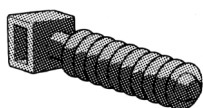
PART NO.	WIDTH mm (inches)	LENGTH mm (inches)	HEIGHT mm (inches)	MAX. TIE WIDTH mm (inches)	SCREW SIZE metric (US)
KCTSM2	9.5 (.37)	14.9 (.59)	6.9 (.27)	4.8 (.19)	M4 (#8)
KCTSM3M5	15.5 (.61)	23.5 (.93)	9.2 (.36)	7.6 (.3)	M5 (#10)
KCTSM3M6S	15.5 (.61)	23.5 (.93)	9.2 (.36)	7.6 (.3)	M6 (¼)
KCTSM3M6L	15.5 (.61)	23.5 (.93)	9.2 (.36)	7.6 (.3)	M6 (¼)

LOW-PROFILE MOUNTS



PART NO.	WIDTH mm (inches)	LENGTH mm (inches)	HEIGHT mm (inches)	MAX. TIE WIDTH mm (inches)	SCREW SIZE metric (US)
KCTSMLP1	8.1 (.32)	10.2 (.4)	2.5 (.1)	2.5 (.1)	M3 (#5)
KCTSMLP2	12.7 (.5)	19.1 (.75)	3.0 (.12)	4.8 (.19)	M4 (#8)

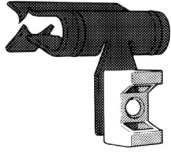
MASONRY MOUNTS



PART NO.	RECOMM. HOLE DIA. mm (inches)	MOUNT LENGTH mm (inches)	MAX. TIE WIDTH mm (inches)
KCTMM1	7 (.28)	38.5 (1.51)	9 (.35)
KCTMM2	6 (.24)	37.4 (1.47)	9 (.35)

For fixing cables to walls without using screws or plugs. **Colours and Material:** Black Nylon

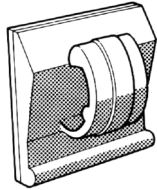
HORIZONTAL FLANGE MOUNTS



PART NO.	FLANGE THICKNESS RANGE	
	mm (inches)	
KCTFMH-7	3-8 (.12-.31)	
KCTFMH-13	8-14 (.31-.55)	
KCTFMH-20	14-20 (.55-.79)	

Hammer onto horizontal steelwork flanges to provide secure fixing for cables, pipes, tubing etc.
Flange Grip: Black Painted Steel - Plated Steel also available (add suffix PL)
Mount: Natural Nylon. Maximum cable tie width 7.6mm (.3 inches), supplied separately.

SELF ADHESIVE CABLE CLIPS



PART NO.	MAX. BUNDLE DIAMETER mm (inches)	BASE WIDTH mm (inches)	BASE LENGTH mm (inches)	HEIGHT mm (inches)
KCCSA-25	9.6 (.38)	25.4 (1)	25.4 (1)	11.7 (.46)
KCCSA-30	15.7 (.62)	28.6 (1.13)	31.7 (1.25)	17.1 (.67)

For rapid fixing to smooth, dry clean surfaces.

Colour and Material: Natural Nylon.

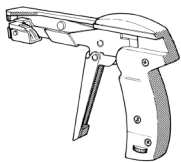
SELF ADHESIVE FLAT CABLE CLIPS



PART NO.	LENGTH mm (inches)	WIDTH mm (inches)	HEIGHT mm (inches)
KSAFCC28	28 (1.1)	25 (.98)	6 (.24)

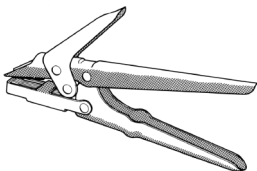
Colour and Material: Grey PVC.

CABLE TIE TENSIONING TOOLS



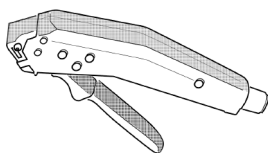
PART NO.	DESCRIPTION
KCTIT2	Tightens to preset tension and cuts in a single action. Adjustable for cable ties up to 4.8mm (.19 inches) width.

CABLE TIE TENSIONING TOOLS



PART NO.	DESCRIPTION
KCTIT3	Operator controlled tensioning and cutting of cable ties 4.8mm (.19 inches) to 9.0mm (0.35 inches) wide.

CABLE TIE TENSIONING TOOLS



PART NO.	DESCRIPTION
KCTIT5	Most tools on the market can be used for applying Kompress Stainless Steel Ties and, indeed, they can be successfully tightened by hand. However, Kompress recommends use of the Kompress Tensioning/Cutting Tool which tensions and cuts the full range of Kompress ball-bearing type stainless steel ties.

STAINLESS STEEL CABLE TIES

Available in 304 and 316 grade stainless steel, with or without a protective nylon coating. Kompress steel ties use ball-bearing locking mechanism for speed and ease of use.

304 GRADE STAINLESS STEEL CABLE TIES



PART NO.	LENGTH		WIDTH mm (inches)	MAX. BUNDLE DIAMETER mm (inches)	MIN. LOOP TENSILE STRENGTH kg (lbs)
	mm (inches)	mm (inches)			
KCT150-4.6S304	150 (5.91)	4.6 (0.18)	4.6 (0.18)	40 (1.57)	45 (100)
KCT200-4.6S304	200 (7.87)	4.6 (0.18)	4.6 (0.18)	50 (1.97)	45 (100)
KCT360-4.6S304	360 (14.17)	4.6 (0.18)	4.6 (0.18)	102 (4.02)	45 (100)
KCT520-4.6S304	520 (20.47)	4.6 (0.18)	4.6 (0.18)	152 (5.98)	45 (100)
KCT680-4.6S304	680 (26.77)	4.6 (0.18)	4.6 (0.18)	203 (8)	45 (100)
KCT840-4.6S304	840 (33.07)	4.6 (0.18)	4.6 (0.18)	254 (10)	45 (100)
KCT1050-4.6S304	1050 (41.34)	4.6 (0.18)	4.6 (0.18)	305 (12)	45 (100)
KCT200-7.9S304	200 (7.87)	7.9 (.31)	7.9 (.31)	50 (1.97)	113 (250)
KCT360-7.9S304	360 (14.17)	7.9 (.31)	7.9 (.31)	102 (4.02)	113 (250)
KCT520-7.9S304	520 (20.47)	7.9 (.31)	7.9 (.31)	152 (5.98)	113 (250)
KCT680-7.9S304	680 (26.77)	7.9 (.31)	7.9 (.31)	203 (8)	113 (250)
KCT840-7.9S304	840 (33.07)	7.9 (.31)	7.9 (.31)	254 (10)	113 (250)
KCT1050-7.9S304	1050 (41.34)	7.9 (.31)	7.9 (.31)	305 (12)	113 (250)

316 GRADE STAINLESS STEEL CABLE TIES



PART NO.	LENGTH		WIDTH mm (inches)	MAX. BUNDLE DIAMETER mm (inches)	MIN. LOOP TENSILE STRENGTH kg (lbs)
	mm (inches)	mm (inches)			
KCT150-4.6S316	150 (5.91)	4.6 (0.18)	4.6 (0.18)	40 (1.57)	45 (100)
KCT200-4.6S316	200 (7.87)	4.6 (0.18)	4.6 (0.18)	50 (1.97)	45 (100)
KCT360-4.6S316	360 (14.17)	4.6 (0.18)	4.6 (0.18)	102 (4.02)	45 (100)
KCT520-4.6S316	520 (20.47)	4.6 (0.18)	4.6 (0.18)	152 (5.98)	45 (100)
KCT680-4.6S316	680 (26.77)	4.6 (0.18)	4.6 (0.18)	203 (8)	45 (100)
KCT840-4.6S316	840 (33.07)	4.6 (0.18)	4.6 (0.18)	254 (10)	45 (100)
KCT1050-4.6S316	1050 (41.34)	4.6 (0.18)	4.6 (0.18)	305 (12)	45 (100)
KCT200-7.9S316	200 (7.87)	7.9 (.31)	7.9 (.31)	50 (1.97)	113 (250)
KCT360-7.9S316	360 (14.17)	7.9 (.31)	7.9 (.31)	102 (4.02)	113 (250)
KCT520-7.9S316	520 (20.47)	7.9 (.31)	7.9 (.31)	152 (5.98)	113 (250)
KCT680-7.9S316	680 (26.77)	7.9 (.31)	7.9 (.31)	203 (8)	113 (250)
KCT840-7.9S316	840 (33.07)	7.9 (.31)	7.9 (.31)	254 (10)	113 (250)
KCT1050-7.9S316	1050 (41.34)	7.9 (.31)	7.9 (.31)	305 (12)	113 (250)


316 GRADE STAINLESS STEEL CABLE TIES WITH NYLON 11 COATING




PART NO.	LENGTH		WIDTH mm (inches)	MAX. BUNDLE DIAMETER mm (inches)	MIN. LOOP TENSILE STRENGTH kg (lbs)
	mm (inches)	mm (inches)			
KCT200-4.6CS316	200 (7.87)	4.6 (0.18)	4.6 (0.18)	50 (1.97)	45 (100)
KCT360-4.6CS316	360 (14.17)	4.6 (0.18)	4.6 (0.18)	102 (4.02)	45 (100)
KCT520-4.6CS316	520 (20.47)	4.6 (0.18)	4.6 (0.18)	152 (5.98)	45 (100)
KCT680-4.6CS316	680 (26.77)	4.6 (0.18)	4.6 (0.18)	203 (8)	45 (100)
KCT840-4.6CS316	840 (33.07)	4.6 (0.18)	4.6 (0.18)	254 (10)	45 (100)
KCT200-7.9CS316	200 (7.87)	7.9 (.31)	7.9 (.31)	50 (1.97)	54 (120)
KCT360-7.9CS316	360 (14.17)	7.9 (.31)	7.9 (.31)	102 (4.02)	54 (120)
KCT520-7.9CS316	520 (20.47)	7.9 (.31)	7.9 (.31)	152 (5.98)	54 (120)
KCT680-7.9CS316	680 (26.77)	7.9 (.31)	7.9 (.31)	203 (8)	54 (120)
KCT840-7.9CS316	840 (33.07)	7.9 (.31)	7.9 (.31)	254 (10)	54 (120)

PERFORATED STEEL BAND

Kompress Perforated Band is made from galvanised steel and is produced with or without PVC coating. Steel band is packed in 10m lengths with black coatings as standard. Other colours available to order as are copper, aluminium and stainless steel band.

GALVANISED STEEL					
	PART NO.	WIDTH	STEEL THICKNESS	LENGTH	HOLE DIAMETER
		mm (inches)	mm (inches)	m (feet)	mm (inches)
	KPSBGS12	12 (.47)	0.75 (0.03)	10 (33)	5 (.2)
	KPSBGS17	17 (.67)	0.75 (0.03)	10 (33)	7 (.28)
	KPSBGS26	26 (1.02)	1 (0.04)	10 (33)	8 (.31)

COATED GALVANISED STEEL					
	PART NO.	WIDTH	STEEL THICKNESS	LENGTH	HOLE DIAMETER
		mm (inches)	mm (inches)	m (feet)	mm (inches)
	KPSBCGS12	12 (.47)	0.75 (0.03)	10 (33)	5 (.2)
	KPSBCGS17	17 (.67)	0.75 (0.03)	10 (33)	7 (.28)
For colours other than black, use the appropriate suffix from RED, GREY, WHITE.					