

## Datasheet - Nylon Cable Ties

### Product description

Manufactured from virgin nylon 6/6 resin and are suitable for a variety of applications, such as cable binding or harnessing. The ties have internal serrations allowing for a positive hold onto cable and pipe bundles. The design of the head guarantees a high tensile strength while allowing for a very low insertion force



### Technical Data

The ties have been third party tested by UL (Underwriters Laboratories) to the internationally recognised standard UL 62275. The performance test results along with material and storage recommendations are detailed below, please note that these testing values are maximums and safety factors appropriate to your application should be used:

COMPOSITION	MATERIAL	
Nylon	66 resin	
TEST CATEGORY	RESULT	TEST/STANDARD
Operating Temperature Range	- 40° to + 85°	UL 62275
UV Resistance	Yes (black only)	UL 62276
Material Flame Rating	*V-2 Pass	UL 62277
Water Absorption	**2.5%	N/A
Chemical Resistance	***Solvents and reagents, oils, petrol, hydrocarbons	N/A
STORAGE	RECOMMENDATIONS	
Temperature	23° (50% humidity)	
Location	Keep away from heat sources (i.e., machines, radiators, or fan heaters)	
Packaging	Try to avoid leaving ties in open bags	

\* V2 test pass = burning stops within 30 seconds on a vertical specimen once the needle flame is removed

\*\*At 23° and 50% humidity

\*\*\* At low temperature and low concentrations for short periods



Cable Tie Ref *	Dimensions mm	Max. Bundle Dia. mm	Min. Loop Tensile Strength (kgs)
CT100-2.5	100 x 2.5	20	8
CT160-2.5	160 x 2.5	39	8
CT200-2.5	200 x 2.5	50	8
CT140-3.6	140 x 3.6	31	18
CT200-3.6	200 x 3.6	47	18
CT300-3.6	300 x 3.6	75	18
CT160-4.8	160 x 4.8	35	22
CT200-4.8	200 x 4.8	47	22
CT250-4.8	250 x 4.8	62	22
CT300-4.8	300 x 4.8	76	22
CT370-4.8	370 x 4.8	96	22
CT430-4.8	430 x 4.8	115	22
CT200-7.8	200 x 7.8	47	55
CT240-7.8	240 x 7.8	56	55
CT300-7.8	300 x 7.8	73	55
CT370-7.8	370 x 7.8	92	55
CT450-8.0	450 x 8.0	117	55
CT540-8.0	540 x 8.0	147	55
CT750-8.0	750 x 8.0	208	80
CT530-9.0	530 x 9.0	160	80
CT710-9.0	710 x 9.0	192	80
CT780-9.0	780 x 9.0	223	80
CT500-12.6	500 x 12.6	146	114
CT1000-12.6	1000 x 12.6	285	114
CT580-13.0	580 x 13.0	155	114

\*Suffix, N = Natural or B = Black.  
Pack Qty 100

