3M **Data Sheet**

NYLON CABLE TIES (Draft)

3M Cable-ties secure wire bundling and harness components quickly, without slipping. The self-locking head assures the 3M reliability our customers are expecting.

Molded from UL approved 6/6 Nylon, **3M** cable-ties are designed to meet a wide range of temperatures from –40°C to 85°C (Normal service temperature) and –10°C to 60°C (Application temperature range).
Raw material is self-extinguishing V-2 according to UL94.

They are available in variety of sizes, including *weather resistant black nylon (*) with high loading of carbonate nylon for outdoor use and natural nylon for indoor use only.*

(*) Raw material meets UL weatherability testing in accordance with UL 746C.

Natural Black	3M P/N (100 pcs)	Size mm	Max Bundle Diameter (mm)	Min. Tensile Strength (N)	Designation
N	FS-100 A-C	100 x 2.5	25	80	Miniature
B	FS-100 AW-C	100 x 2.5	25		
N	FS-140 A-C	142 x 2.5	35		
B	FS-140 AW-C	142 x 2.5	35		
N	FS-160 A-C	160 x 2.5	44		
B	FS-160 AW-C	160 x 2.5	44		
N	FS-200 A-C	203 x 2.5	55		
B	FS-200 AW-C	203 x 2.5	55		
N	FS-140 B-C	142 x 3.2	35	180	Intermediate
B	FS-140 BW-C	142 x 3.2	35		
N	FS-150 B-C	150 x 3.6	39		
B	FS-150 BW-C	150 x 3.6	39		
N	FS-200 B-C	203 x 3.6	55		
B	FS-200 BW-C	203 x 3.6	55		
N	FS-290 B-C	292 x 3.6	85		
B	FS-290 BW-C	292 x 3.6	85		
N	FS-160 C-C	160 x 4.8	42	220	Standard
B	FS-160 CW-C	160 x 4.8	42		
N	FS-200 C-C	200 x 4.8	55		
B	FS-200 CW-C	200 x 4.8	55		
N	FS-280 C-C	280 x 4.8	81		
B	FS-280 CW-C	280 x 4.8	81		
	FS-370 C-C	370 x 4.8	102		
	FS-370 CW-C	370 x 4.8	102		
N	FS-390 C-C	385 x 4.8	116		
B	FS-390 CW-C	385 x 4.8	116		

N	FS-200 D-C	203 x 7.6	55	550	Heavy Duty
B	FS-200 DW-C	203 x 7.6	55		
N	FS-280 D-C	280 x 7.6	78		
B	FS-280 DW-C	280 x 7.6	78		
N	FS-380 D-C	380 x 7.6	110		
B	FS-380 DW-C	380 x 7.6	110		
N	FS-500 D-C	500 x 7.6	133	800	Heavy Duty
B	FS-500 DW-C	500 x 7.6	133		
B	FS-550 DW-C	550 x 9.0	166		
B	FS-760 DW-C	762 x 9.0	236		

- ## 3M Product Number definition : FS

Product numbers have been designed to identify length, width, color, and quantity per bag. For example :

FS 100 A W - C

Product prefix :

FS = Nylon cable-ties

Product length (mm)

Product width (mm) :

A : 2.5mm

B : 3.6mm

C : 4.8mm

D : 7.6mm

W = Weather resistant (Black with Carbonate A added for greater resistance to UV in outdoor usage)

C = 100 / Bag