

# Scotchflex Cable Ties



## Data Sheet

### Product Description

3M™ Scotchflex Cable Ties are molded from UL approved 6/6 Nylon, they are designed to meet a wide range of temperature from – 25°C to 85 °C (Normal service temperature) and – 10 °C to 60 °C (Application temperature) , they are available in a variety of sizes, in neutral and black color which is weather resistant for outdoor use.

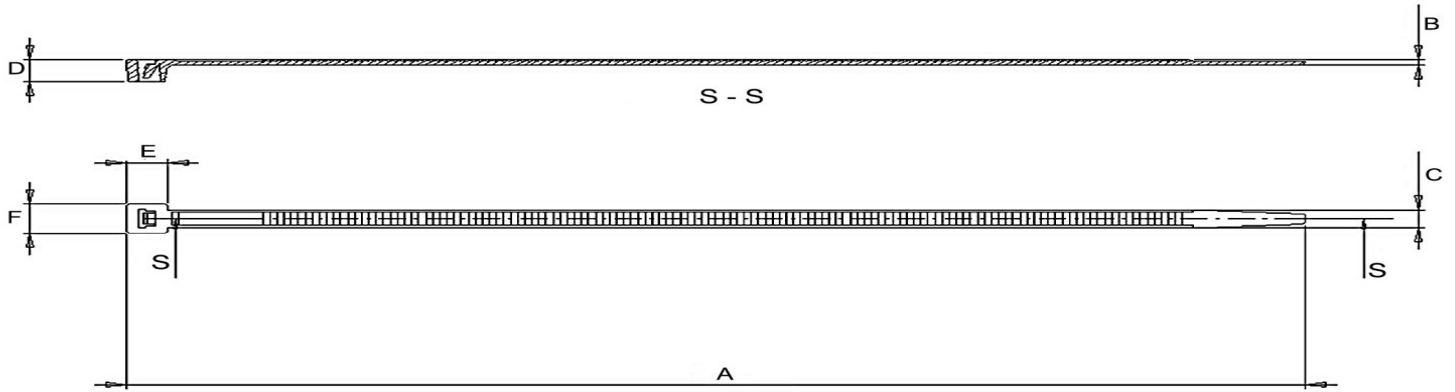
### Applications

3M Cable Ties are used to secure wire bundles and harness components quickly. The flexible design allows the user to slip ties easily under and around cables and harnesses. The bend of the tail makes it easier to grasp position and insert into the head. 3M Cable Ties can be used with most standard tensioning/cutoff tools for fast production line fastening.

### Agency Approvals & Self Certifications

- Heat-resistant Natural Black Nylon for High Temperature Applications – Self Extinguishing (V2: UL 94)
- Nylon Self Extinguishing, V0: UL 94 Halogen-Free, Fire-Proof Maximum Surety
- Black Nylon UV-Stabilized – Self-Extinguishing (V2: UL 94)
- 3M Cable Ties are UL Recognized and tested to UL Standard 1565 for Wire Positioning Devices. UL File Number#E318291 .

# SCOTCHFLEX CABLE TIES SERIES



SCOTCHFLEX PART NO.	Min	BUNDLE DIAM Max	A	B	C	D	E	F	Min. Tensile Str. N	Fragility °C	Min. Working Temp. °C	Max. Working Temp. °C	Weight g/100 pcs.
FS 100 A	2	24	99	1,1	2,5	3,9	4,6	4,6	90	4 - 6	-25	+60	27
FS 135 A	2	35	134	1,1	2,5	3,8	4,6	4,7					37
FS 160 A	2	42	161	1,1	2,5	3,8	4,6	4,7					44
FS 200 A	2	55	200	1,1	2,5	3,9	4,7	4,7					56
TOLERANCE ±		10%	5	0,3	0,2	0,3	0,2	0,2					5%

SCOTCHFLEX PART NO.	Min	BUNDL E DIAM Max	A	B	C	D	E	F	Min. Tensile Str. N	Fragility °C	Min. Working Temp. °C	Weight g/100 pcs.
FS 140 B	3	36	140	1,1	3,5	4,2	6,0	6,0	180	4 - 6	-25	56
FS 200 B	3	55	200	1,1	3,5	4,2	6,0	6,0				80
FS 280 B	3	80	280	1,1	3,5	4,2	6,0	6,1				120
FS 280 B	3	80	280	1,1	3,5	4,2	6,0	6,1				120
TOLERANCE ±		10%	5	0,3	0,2	0,3	0,2	0,2				5%

SCOTCHFLEX PART NO.	Min	BUNDLE DIAM Max	A	B	C	D	E	F	Min. Tensile Str. N	Fragility °C	Min. Working Temp. °C	Weight g/100 pcs.
FS 160 C	3	38	160	1,3	4,5	5,4	6,9	7,4	200	4 - 6	-25	108
FS 200 C	3	51	200	1,4	4,5	5,4	6,9	7,4				127
FS 280 C	5	76	280	1,4	4,5	5,4	6,9	7,4				185
FS 380 C	5	110	380	1,4	4,5	5,4	6,9	7,4				257
TOLERANCE ±		10%	5	0,3	0,2	0,3	0,2	0,2				5%

SCOTCHFLEX PART NO.	Min	BUNDL E DIAM Max	A	B	C	D	E	F	Min. Tensile Str. N	Fragility °C	Min. Working Temp. °C	Weight g/100 pcs.
FS 200 D	5	48	200	1,7	7,5	7,6	9,8	12,7	540	4 - 6	-25	310
FS 280 D	5	76	280	1,8	7,5	7,6	9,8	12,7				410
FS 360 D	5	101	360	1,8	7,5	7,6	9,8	12,7				515
FS 500 D	20	145	500	1,8	7,5	7,8	9,8	12,7				710
FS 550 D	20	160	540	2,0	7,5	7,8	9,8	12,7				798
TOLERANCE ±		10%	5	0,3	0,2	0,3	0,2	0,2				5%

SCOTCHFLEX PART NO.	Min	BUNDL E DIAM Max	A	B	C	D	E	F	Min. Tensile Str. N	Fragility °C	Min. Working Temp. °C	Weight g/100 pcs.
FS 780 D	40	235	780	2,0	9,0	8,0	10,9	14,7	800	4 - 6	-25	1379
TOLERANCE ±		10%	5	0,3	0,2	0,3	0,2	0,2				5%

Standard cable ties colour can be natural or black (Weather resistant)

These technical data are valid at 23 ± 3 °C and 50 ± 10% RH

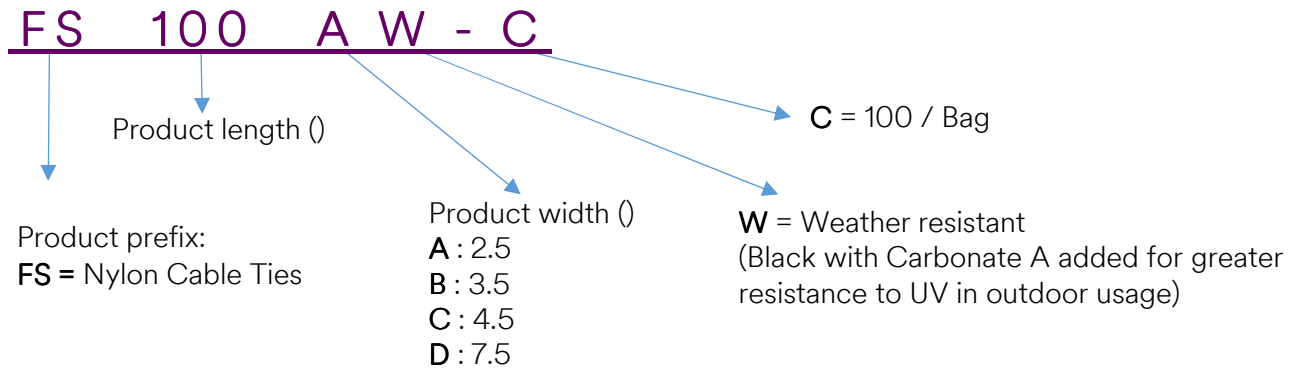
ALL DIMENSIONS ARE IN MILLIMETERS

# TYPICAL DATA

NEW SKUs	Part Number	Description	Length mm	Width mm	Color	Billing Unit	MOQ
KE234000005	FS 100 A-C	FS 100 A-C Scotchflex Cable Tie 100 pcs/bag	100	2.5	Neutral	BAG	150
KE234000013	FS 100 AW-C	FS 100 AW-C Scotchflex Cable Tie 100 pcs/bag	100	2.5	Black	BAG	150
KE234000021	FS 135 A-C	FS 135 A-C Scotchflex Cable Tie 100 pcs/bag	135	2.5	Neutral	BAG	120
KE234000039	FS 135 AW-C	FS 135 AW-C Scotchflex Cable Tie 100 pcs/bag	135	2.5	Black	BAG	120
KE234000088	FS 140 B-C	FS 140 B-C Scotchflex Cable Tie 100 pcs/bag	140	3.5	Neutral	BAG	100
KE234000096	FS 140 BW-C	FS 140 BW-C Scotchflex Cable Tie 100 pcs/bag	140	3.5	Black	BAG	100
KE234000047	FS 160 A-C	FS 160 A-C Scotchflex Cable Tie 100 pcs/bag	160	2.5	Neutral	BAG	120
KE234000054	FS 160 AW-C	FS 160 AW-C Scotchflex Cable Tie 100 pcs/bag	160	2.5	Black	BAG	120
KE234000146	FS 160 C-C	FS 160 C-C Scotchflex Cable Tie 100 pcs/bag	160	4.5	Neutral	BAG	50
KE234000153	FS 160 CW-C	FS 160 CW-C Scotchflex Cable Tie 100 pcs/bag	160	4.5	Black	BAG	50
KE234000062	FS 200 A-C	FS 200 A-C Scotchflex Cable Tie 100 pcs/bag	200	2.5	Neutral	BAG	100
KE234000070	FS 200 AW-C	FS 200 AW-C Scotchflex Cable Tie 100 pcs/bag	200	2.5	Black	BAG	100
KE234000104	FS 200 B-C	FS 200 B-C Scotchflex Cable Tie 100 pcs/bag	200	3.5	Neutral	BAG	60
KE234000112	FS 200 BW-C	FS 200 BW-C Scotchflex Cable Tie 100 pcs/bag	200	3.5	Black	BAG	60
KE234000161	FS 200 C-C	FS 200 C-C Scotchflex Cable Tie 100 pcs/bag	200	4.5	Neutral	BAG	50
KE234000179	FS 200 CW-C	FS 200 CW-C Scotchflex Cable Tie 100 pcs/bag	200	4.5	Black	BAG	50
KE234000245	FS 200 D-C	FS 200 D-C Scotchflex Cable Tie 100 pcs/bag	200	7.5	Neutral	BAG	20
KE234000252	FS 200 DW-C	FS 200 DW-C Scotchflex Cable Tie 100 pcs/bag	200	7.5	Black	BAG	20
KE234000120	FS 280 B-C	FS 280 B-C Scotchflex Cable Tie 100 pcs/bag	280	3.5	Neutral	BAG	60
KE234000138	FS 280 BW-C	FS 280 BW-C Scotchflex Cable Tie 100 pcs/bag	280	3.5	Black	BAG	60
KE234000187	FS 280 C-C	FS 280 C-C Scotchflex Cable Tie 100 pcs/bag	280	4.5	Neutral	BAG	50
KE234000195	FS 280 CW-C	FS 280 CW-C Scotchflex Cable Tie 100 pcs/bag	280	4.5	Black	BAG	50
KE234000260	FS 280 D-C	FS 280 D-C Scotchflex Cable Tie 100 pcs/bag	280	7.5	Neutral	BAG	20
KE234000278	FS 280 DW-C	FS 280 DW-C Scotchflex Cable Tie 100 pcs/bag	280	7.5	Black	BAG	20
KE234000286	FS 360 D-C	FS 360 D-C Scotchflex Cable Tie 100 pcs/bag	360	7.5	Neutral	BAG	15
KE234000294	FS 360 DW-C	FS 360 DW-C Scotchflex Cable Tie 100 pcs/bag	360	7.5	Black	BAG	15
KE234000229	FS 380 C-C	FS 380 C-C Scotchflex Cable Tie 100 pcs/bag	380	4.5	Neutral	BAG	30
KE234000237	FS 380 CW-C	FS 380 CW-C Scotchflex Cable Tie 100 pcs/bag	380	4.5	Black	BAG	30
KE234000302	FS 500 D-C	FS 500 D-C Scotchflex Cable Tie 100 pcs/bag	500	7.5	Neutral	BAG	10
KE234000328	FS 550 DW-C	FS 550 DW-C Scotchflex Cable Tie 100 pcs/bag	550	7.5	Black	BAG	7
KE234000336	FS 780 DW-C	FS 780 DW-C Scotchflex Cable Tie 100 pcs/bag	780	9.0	Black	BAG	10

## Product number definition:

Product designation has been designed to identify application, length, width, color and quantity per bag



## Availability

Please contact your local distributor; available from [3Mgulf.com/electrical](http://3Mgulf.com/electrical) [Where to Buy] or call +971 4 3670 777.

## Shelf Life & Storage

3M™ Scotchflex™ Cable Ties have a 5-year shelf life from date of manufacture when stored in a humidity controlled storage (10°C/50°F to 27°C/80°F and <75% relative humidity).

## Source of Supply: ITALY

'3M' is a trademark of 3M Company.

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