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GUIDE TO CABLE TIES

HOW TO SELECT AND USE A CABLE TIE

- Determine the diameter of the cable or cable bundle diameter to be secured or tied.
  (Refer to chart below)
- Establish the mass of loading to which the cable tie will be subjected to.
- Check the prevailing environmental conditions e.g. outdoors, indoors, acidic etc.
- For outdoors use black cable lies. They contain carbon black and UV stabilizers which protect them from the harmful UV rays.
- For acidic conditions, use potypropytene or stainless steel cable ties. Potypropytene ties are specially designed to withstand harsh acidic conditions.
- Stainless steet (MBT - Metal Ball-bearing) cable ties, have a non-releasable locking mechanism that offers infinite adjustment along the length of the tie. These ties can be used in the most hazardous of conditions or where the additional security, strength and fire resistance of metal fixing is required.
- There are 9 other colours to choose from: Btue, Brown, Green, Grey, Orange, Purple, Red, Yellow and Natural

Selection Chart
Nylon and Polypropylene

Part Number	Length (mm)	Width (mm)	Max Bundle Diameter (mm)	Min Tensile Strength (kg)	Application Tool
100x2,5mm	100	2,5	22	8,1	Tool 1 / Tool 114
140x3,6mm	140	3,6	33	18,2	Tool 1 / Tool 114
200x4,8mm	200	4,8	50	23	Tool 1 / Tool 114
300x4,8mm	300	4,8	76	23	Tool 1 / Tool 114
390x4,9mm	390	4,8	105	23	Tool 1 / Tool 114
300x7,6mm	300	7,6	76	55	Tool 114
370x7,6mm	370	7,6	102	55	Tool 114
530x9,0mm	530	9,0	140	80	Tool 114

Stainless steal

Part Number	Length (mm)	Width (mm)	Max Bundle Diameter (mm)	Min Tensile Strength (kg)	Application Tool
MLG-130ST	125	4,6	38	90	Tool 30
MLG-200ST	200	4,6	62	90	Tool 30
MLG-370ST	370	4,6	113	90	Tool 30
MLG-520ST	520	4,6	164	90	Tool 30
MLG-680ST	680	4,6	215	90	Tool 30
MLG-200HD	200	7,9	62	160	Tool 30
MLG-360HD	360	7,9	113	160	Tool 30
MLG-520HD	520	7,9	164	160	Tool 30

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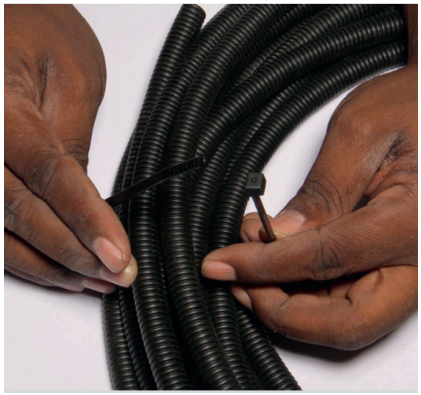
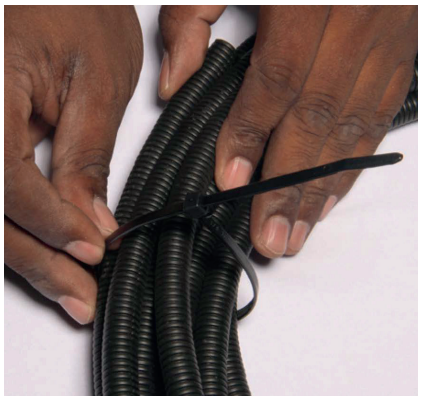
USING A CABLE TIE

Easy to use in 5 quick steps:


1. **Position the cable tie around the bundle of cables.**
2. **Insert the bent tail into the cable**
3. **Pull the cable tie by hand until it is about to reach its desired tightness around the bundle.**
4. **Use a cable tie tensioning tool to pull the remaining section to the desired tension. The tension can be pre-set on the tool.**
5. **Cut the cable tie near the head with the tensioning toot to teave a smooth finish and minimize injuries that could result through rough edges using a knife or side-cutter.**

Kacab's tools

Tool 1

Material: Metal

Color: Red

Use: For cable ties up to 4,8 mm

Bundling pressure:
Adjustable / cable tie will be automatically cut-off

Tool 114

Material: Metal

Color: Red

Use: For cable ties from 3,6 up to 9,5 mm

Bundling pressure:
Not adjustable / cable tie will not be automatically cut-off: With extra grip for cutting-off cable ties

Tool 30

Material: Metal

Color: Grey

Use: For steel cable ties up to 7,96 mm

Bundling pressure:
Adjustable / cable tie will be automatically cut-off