

Description

ClipElec™ is an all purpose cable tie system that may be used for fixing cable, conduit and pipes for a wide variety of electrical and plumbing applications. This system is extremely versatile allowing for many different sized cables, pipes and conduit to be secured. The ClipElec™ all purpose cable tie system may be used with the 4.8mm supplied cable ties or with other cable ties up to a maximum width of 9mm.

Specifications

Raw Material	Polypropylene copolymer, high impact, halogen free. UV resistant
Capacity	Up to 9mm cable tie width.
Spacing Recommendation	0.5 & 1 metre (approx)
Fire Resistance Properties	Incandescent wire test (regulation NFC 20-455) 750°C passed - LCIE laboratory test results N° 438 309 (December 1998)
Low Temperature Test	No breakage at 0°C
Dimensions	32 x 37mm



Features & Benefits

- ClipElec™ can be used for cable, conduit and tube work.
- Universal design allows cable ties up to 9mm wide.
- Designed with an in-built energy absorber for perfect embedment.
- Clips directly onto the CableMaster™ Pin Guide for one handed operation.
- Hands are a safe distance from the Pin Guide during installation.
- Can be used with the PalsaLift™ Pole to fix from the ground.
- Optional plug and screw installation.

Pin Selection Guide

Substrate	HC617	HC622	SC620
Hard Concrete >50MPa	✓	✓	*
Concrete <50MPa	✓	✓	✓
Hollow Concrete Block	*	✓	✓
Steel	✓	✓	✓
Steel Decking	✓	✓	✓

✓ Suitable * Possible

Performance Table*

Pin	Load Capacity (Tension) - Concrete		
	Cable Tie Width	20MPa	32MPa
SC620	9mm	10kg	12kg
HC617	9mm	10kg	12kg
HC622	9mm	10kg	12kg
C620	4.8mm	2.5kg	3.7kg

Installation Procedure

1. Simply clip the ClipElec to the tool pin guide.
2. Press against the substrate, press the trigger & the clip is fixed.
3. Install the tube or conduit with cable tie.



ClipElec™ All-purpose Cable Tie Clips

Part No	Description	Order Qty
CLIPLEC	ClipElec™ All-purpose with Cable Tie	100
CPGCL	ClipElec™ Contractor Pack (500 x clips, SC620 Pins, Fuel Cell, Cable Ties 200mm x 4.8mm Black)	1
CPGCLHC617	ClipElec™ Hard Concrete Contractor Pack (500 x clips, HC617 Pins, Fuel Cell, Cable Ties 200mm x 4.8mm Black)	1
CPGCLHC622	ClipElec™ Hard Concrete Contractor Pack (500 x clips, HC622 Pins, Fuel Cell, Cable Ties 200mm x 4.8mm Black)	1



*NOTE: Test concluded when clip pulled over pin head or cable tie failed. Job-site testing may be required to determine actual achievable job-site values. Results have been achieved with a CableMaster™ tool set at minimum overdrive setting. Accessories failing to fix correctly should be removed and a new fixing set away from any spalled concrete. Tension loads provided are for static load situations only. Values represent a minimum factor of safety of 3:1 on the lowest test results achieved. Minimum edge distance 75mm, minimum spacing between fixings 50mm. Tension loads are per fixing, however a minimum of 3 fixings per fastening unit should be used.

Ramset™ recommends application test on-site before commencing use.