



# Ray Tech

Cable Caster



Magic Gel 300 (300 cc.)

Fishstix



Magic Joint

Tone & Probe Kits



Skyplast

## Product List

August 2008

# TOOLS



# Greenlee Products

Hamer Code	Catalogue Number	Description
GL06186	06186	Cablecaster wire pulling tool with 3 darts

50' (15m) range allows for faster installations with fewer pulls. Aerodynamic darts provide high accuracy and fast installation. Bright yellow body reduces chances of leaving Cablecaster behind. Glow-in-the-dark darts easy to locate minimising replacement costs.



Hamer Code	Catalogue Number	Description
GL00521	2011	Circuit-Seeker Kit

Traces concealed wiring, locates junction boxes, and finds breakers for live or dead circuits-no need for power interruption. Finds breaks in wires and shorts to ground. Incorporates auto gain circuitry for enhanced accuracy. Locates and identifies blown fuses.

Supports transmitter-to-receiver distances up to 4 miles (6.5 km) for closed circuit tracing. Accessories included: Adapter lead, (2) 9V batteries, AC blades, instruction video, extension leads, carrying case, earphone/tube.



Hamer Code	Catalogue Number	Description
GL46500	46500 540	Pocket-Light

High intensity Xenon fired lamp. Luminous tip so flashlight can be located in the dark. Lifetime limited warranty. Submersible to 500 feet (150m). Dust and rust proof. Batteries included.



Hamer Code	Catalogue Number	Description
GL10504	540-12	Fish Stix Kit, Short (540-12) Total length 12ft, 3.6m
GL10506	540-24	Fish Stix Kit, Long (540-240) Total length 24ft, 7.3m

High visible green colour rods can be easily threaded together and seen when working above ceilings, down walls, or under raised floors. 1/4" (6.4 mm) diameter fiberglass rods provide added rigidity when multiple sections are connected. 200 lbs (0.9 kN) minimum pulling strength for long lasting durability and peace of mind. Two different threaded tips available to accommodate various bundles of wire or cable.



Hamer Code	Catalogue Number	Description
GL08684	701K	Tone & Probe Kit, Standard

Used to identify single conductors or cables within a bundle at a cross-connect point, or at remote ends. Kit includes the 77HP High Power Tone Generator and the 200EP Inductive Amplifier in a rugged, woven polyester carrying case.



## Greenlee Products cont.

Hamer Code	Catalogue Number	Description
GL60558	711K	Tone & Probe Kit, Pro 711K

Designed for the telecom professional, this kit is for use on single conductors, twisted pairs, coax cables and de-energized electrical wiring. Housings are drop-tested to ensure durability. Kit includes the 77GX Tone Generator and 200GX Inductive Amplifier in a rugged carrying case.



Hamer Code	Catalogue Number	Description
GL08693	AT8	Adaptor, 8 (AT8)

Provides the essential tools, connectors and testers necessary for maintaining a Local Area Network, twisted pair cabling and coax Ethernet (Thinnet) cabling. Durable carrying case. One 9V battery, nominal life 50 hrs. Transmitter frequency: 900/1100 Hz alternating, 900 Hz constant. Transmitter power into 600 ohms; 7 dBm. Talk battery into 600 ohms 6.5 VDC. Voltage protection at 600 ohms - 60 VDC (provides higher voltage protection in OFF/TONE modes). Dimensions 1.3 x 2 x 4.5", 24" test leads.



Hamer Code	Catalogue Number	Description
GL12123	CMT-90	Clamp Tester, Electrical 1000V 600A, Cat III

Hassle free, automatic measurement of amperage, voltage and resistance. True RMS for the most accurate measurement when harmonics are present. Easy viewing, auto-illuminating backlit display. Auto Off for longer battery life. Resistance measurement. Audible continuity test. Data hold to capture measurements. 10,000 count LCD for high resolution. Lifetime Limited Warranty. (1) 9V battery included. Amperage Measurement: AC A 0.6 to 600.0. Voltage Measurement: AC V: 1.3 to 999.9. DC V 1.8 to 99.9, -0.6 to -999.9. Resistance 2000 $\Omega$ . Display: 10,000-count LCD. Jaw Opening: 1.34 in. (34 mm). Measurement Category: Cat IV, 600V; Cat III, 1000 V.



Hamer Code	Catalogue Number	Description	Extended Length	Collapsed Length	Diameter	Weight
GL02268	FP12	Fish pole, 12' (3.7m)	12 ft. (3.7 m).	26 in. (660 mm).	1.25 in. (32 mm).	1.3 lb. (0.6 kg).
GL10442	FP18	Fish pole, 18' (5.48m)	18 ft. (5.48 m).	27 in. (686 mm).	2 in. (50 mm).	2.5 lb. (1.1 kg).
GL10443	FP24	Fish pole, 24' (7.31m)	24' (7.31m).	50" (1270mm).	2.25" (57.15mm).	4.25 lb.(1.93kg).

Push or pull wires over long distances including suspended ceilings, sub-floors, crawl spaces and attics. Non-conductive, high-impact construction for long life. Specialized hook can be used to install wires in suspended ceilings. Velcro strap secures pole when in collapsed position. Self-contained, no loose parts. Lightweight design to minimize fatigue. Friction-locking system.



## Greenlee Products cont.

Hamer Code	Catalogue Number	Description
GL09022	GT-11	Volt Detector, Non-Contact

Fast, easy, non-contact voltage detection. Bright LED and audible alarm if voltage is present. ON/OFF switch for longer battery life. Use to detect the presence of voltage at outlets, lighting fixtures, circuit breakers, wires and cables or to find a break in a wire. Comfort grip to ease fatigue. Convenient pen size fits into pocket or tool pouch. Replace batteries quickly by pressing the release lever and twisting the top of the tester. Accessories included: (2) 1.5V AAA batteries. Lifetime Limited Warranty. Voltage Detection: AC V 50-1000. Frequency: 50-500Hz. Measurement Category: Cat IV, 1000V.



GL09023	GT-15	Low Voltage, Non-Contact Volt Detector
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Voltage Detection: 12-90VAC Frequency: 50-500 Hz Measurement category: CAT III, 300V

Hamer Code	Catalogue Number	Description
GL23639	NC-500	NETcat Pro

Tests shielded twisted pair (STP) unshielded twisted pair (UTP) and coaxial cables. Identifies active network devices (PC or Hub) on 10/100 Base-T networks. Detects shorts, opens, reversed, crossed and split pairs. Touch screen display with contrast adjustment and backlight. Compatible with Greenlee precision digital probes.



Hamer Code	Catalogue Number	Description
GL60298	PE810	Basic Pocket Telephone Test Set

Designed for communications wiring installation and repair to quickly verify the quality of a new installation. Headset for hands-free operation. Rugged compact design with belt clip. Replaceable premium cordset with telco-style clips. Headset for hands-free operation. Rugged design for demanding use. Compact design and durable belt clip make it easy to carry. Adjustable volume. Built-in ringer. Tone/Pulse dialing. Last number redial. Line polarity indication. Microphone mute. Data safe monitor mode.



## Magic Gel/Fluid

Magic Gel/Fluid is the bicomponent gel for any need: Available in easy to use bags or bottles this non-toxic gel is safe for filling boxes, joints, ducts or traps etc. It has no shelf life, is re-enterable even after long working periods and has an IP68 rating. Simply mix the two fluids together with ratio 1:1, pour over terminal and the gel sets in 10 minutes.

Hamer Code	Description
KKDMF170	Magic Fluid 170 grams bag
KKDMF210	Magic Fluid 210 grams bag
KKDMF420	Magic Fluid 420 grams bag
KKDMG	Magic Gel 1litre – kit
KKDMG300	Magic Gel 300mls - 2 x 150ml bottles
KKDMG2000	Magic Gel 2 litres – kit



## Magic Joint

Gel filled cable joint with two-component insulation for extruded cables.

- Joint with self-sealing polymer insulation
- For voltages from 0.6 to 1kV
- Guarantees protection of higher than IP68
- Can be used in place of cast resin joints

### Insulation Characteristics:

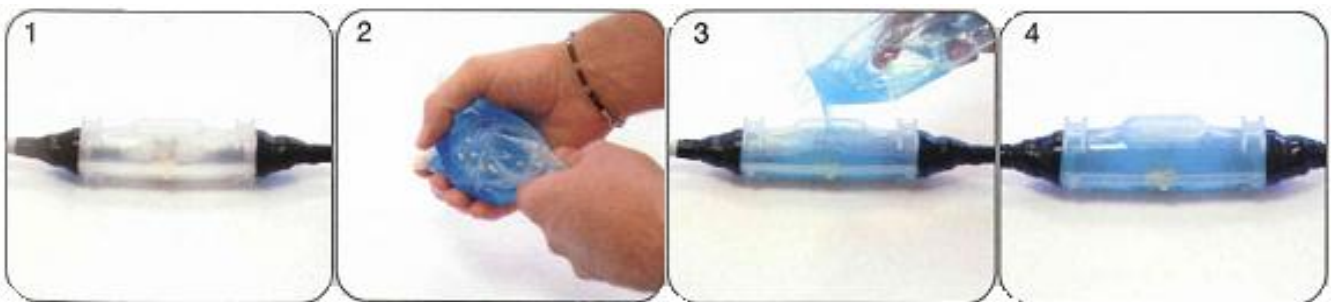
- Non-toxic
- Insulating
- Permanently flexible
- Low exothermic peaks
- Cross-linkage in less than 10 minutes at room temperature



Magic Joint

Item	Hamer Code	Cable Type	Cable formation and conductor cross section n° x mm				Dimensions mm A x B
			1-conductor cable	2-conductor cable	3-conductor cable	4-conductor cable	
Magic Joint 4	KKDMJ4	Copper	1.5 – 25	1.5 – 4	1.5 – 4	1.5 – 4	160 x 45
Magic Joint 10*	KKDMJ10	Copper	2.5 – 50	1.5 – 10	1.5 – 10	1.5 – 10	180 x 50
Magic Joint 25	KKDMJ25	Copper	16 – 150	4 – 25	4 – 25	2.5 – 25	215 x 55
Magic Joint 35	KKDMJ35	Copper	16 – 185	16 – 35	16 – 35	16 – 35	232 x 70
Magic Joint 50	KKDMJ50	Copper	50 – 300	16 – 50	16 – 50	16 – 50	255 x 72
Magic Joint 50	KKDMJ50	Aluminium	16 – 150	16 – 25	16 – 25	16 – 25	266 x 72
Magic Joint 95	KKDMJ95	Copper	120 – 400	25 – 95	25 – 95	25 – 95	330 x 75
Magic Joint 120	KKDMJ120	Copper	240 – 500	70 – 120	70 – 120	50 – 120	365 x 95
Magic Joint 120	KKDMJ120	Aluminium	185 – 400	25 – 95	25 – 95	25 – 95	180 x 50

\* Recommended for cable diameters to 16mm



## SKYPLAST

Two component putty that quickly crosslinks to create mouldable insulating rubber. Can be used at any ambient temperature and is a perfect substitute for tapes, heatshrink products and resins. Mixes in 2 minutes and quickly crosslinks in 5 minutes at room temperature to create a rubber insulation that will protect, cover, seal and make flame retardant any electrical or other component.

### Characteristics

- Non toxic and safe to use
- Flameproof and fire retardant
- Low smoke and fume
- Re-enterable
- Quick to cross link
- High dielectric characteristics
- Mouldable
- Meets health and safety criteria



Hamer Code	Supplier Code	Kit Composition
KKDSKYPL	SKYPL	2 cans 500g total



## MAGIC BOX 100 TERMINAL BOX KIT



### Typical Applications:

- Tunnels
- Swimming Pools
- Externals – Gardens – Parks
- Public Lighting
- Carwashes
- Ports
- Ships
- Garages



### Characteristics

- Supported with 3 M25 x 1, 5 cable glands
- Pre-prepared "Knock Outs" for cable glands and PG/metric couplers
- Great shock resistance
- Halogen free
- Self extinguishing
- Suitable for underground and submerged installations thanks to the use of Magic Fluid
- Suitable for vertical installation and filling
- RE-enterable even after long working intervals
- Non toxic
- No shelf life
- Cover can also be sealed using screws
- Installation temperature:  $-25^{\circ} / +60^{\circ}$
- Working temperature:  $-60^{\circ} / +180^{\circ}$

### Approvals

- CEI 23-48, IEC 60670
- CEI 20-33 and CEI EN 50393
- Class 2 in accordance with CEI 64-8
- Ingress protection higher than IP68 in accordance with IEC 529
- Ingress halogen free in accordance with CEI EN 50267 2-2
- Low cloudy fumes emission in accordance with CEI EN 52065
- Fire and abnormal heat resistance: Glow wire test +750o in accordance with EN 60695-2-11

Hamer Code	Supplier Code	Dimension (mm) L x W x H	Max. Diam. (mm) Knock Out	Knock Out nr.	Max size of cable gland	
					PG	Metric
KKDMB100	MB100	100 x 100 x 50	29	8	21	25 x 1.5