



# INSULATION TOOLS

FOR ALL ELECTRICAL INDUSTRIES

PROFESSIONAL • ELECTRIC VEHICLE • DIY



# THE GROWING NEED FOR INSULATED TOOLS



**In the ever-evolving landscape of electrical work, ensuring safety is paramount.**

Whether you're an electrician working on complex electrical systems, a technician dealing with electric vehicles, or a professional in any other electric-related field, the tools you use can make a significant difference.

With the rise of electric vehicles and the increasing complexity of electrical systems in various industries, the demand for high-quality insulated tools is higher than ever. Professionals need tools that not only perform well but also ensure their safety.

RG Tools' VDE range is specifically designed to meet these needs, providing a comprehensive solution for modern electrical work.

RG Tools is committed to providing professionals with the best tools available. Our VDE range combines rigorous safety standards, superior performance, and exceptional durability. Equip yourself with RG Tools and work with confidence, knowing you have the best protection available.

# WHY INSULATED TOOLS MATTER



## Safety First

The primary purpose of insulated tools is to protect the user from electric shock. RG Tools' VDE tools are tested to withstand up to 1,000 Volts, providing an essential barrier between the user and live electrical circuits. This protection is crucial when working with high-voltage systems, as it minimizes the risk of accidental electrocution.



## Compliance With Standards

Our tools comply with the IEC60900 standards and are rigorously tested by VDE (Verband der Elektrotechnik) and VPS (Voluntary Product Standard). These certifications ensure that our tools not only meet but exceed the required safety and performance benchmarks. This compliance is a testament to the reliability and quality of RG Tools' VDE range.



## Durability And Reliability

RG Tools' insulated hand tools are crafted from high-grade materials designed to withstand the rigors of daily use. The insulation is robust, ensuring long-term durability even in the most demanding environments. This reliability translates into better performance and fewer tool replacements over time, providing excellent value for money.

# HOW WE TEST OUR TOOLS

## ELECTRICAL TEST

Electrical immersion test, immersed in water for 24 hours and tested to 10,000V for 3 minutes between metal and handle surface.

## 5000V AFTER PENETRATION TEST

Under a force of 20N and heat up to 70°C, Tools are applied to 5000V for 3 minutes to ensure no dielectric breakdown.

## INSULATION ADHESION TEST

Test to ensure that the insulation shield does not go off under heavy loads even used for a certain period of time.



## COLD IMPACT RESISTANCE

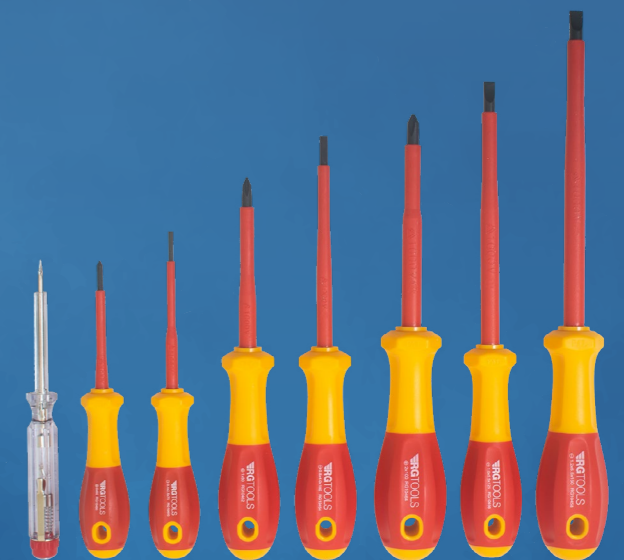
To use standard force impact to the tools after chilled to -40°C, to ensure the insulation shield can stand under extreme low pressure.

## FLAMMABILITY TEST

Tools are tested according to standard for low flammability properties, thus eliminating risks of fire.

## 100% INSPECTED BEFORE SHIPMENT

Individual insulated tools are inspected to 10,000V before Shipment

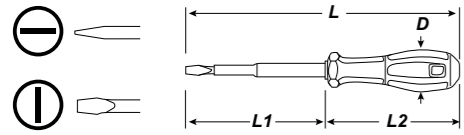


# INSULATED SCREWDRIVERS

- Made With High Quality Silicon Alloy Steel With A Magnetic Tip & Ergonomic Handle.
- 1000v Insulated Tools Manufactured For Live Wire Work.
- Tested To Iec900, Din En 60900 & Vde 0608/02.
- Conforms To Din 2380.

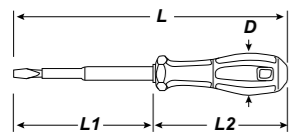


## Insulated Slotted Screwdrivers



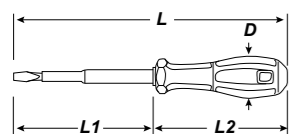
Part No.	Qty	D (mm)	L (mm)	L1 (mm)	L2 (mm)	⊖	⊕
RG10450	1	25	155	75	80	0.4	2.5
RG10452	1	25	180	100	80	0.5	3.0
RG10454	1	30	200	100	100	0.8	4.0
RG10456	1	30	225	125	100	1.0	5.5
RG10458	1	35	260	150	110	1.2	6.5
RG10470	1	Voltage Tester					

## Insulated Phillips Screwdrivers



Part No.	Qty	D (mm)	L (mm)	L1 (mm)	L2 (mm)	⊕
RG10460	1	25	140	60	80	0
RG10462	1	30	180	80	100	1
RG10464	1	35	210	100	110	2

## Insulated Star Screwdrivers



Part No.	Qty	D (mm)	L (mm)	L1 (mm)	L2 (mm)	☆
RG10480	1	25	140	60	80	T10
RG10482	1	25	180	100	80	T15
RG10484	1	30	200	100	100	T20
RG10486	1	30	225	100	100	T25
RG10488	1	35	210	100	110	T30
RG10490	1	35	260	150	110	T40

### Screwdriver Sets

Part No.	Qty	Contents
RG10410	7 Pc	- 2.5x75, 3.5x100, 5.5x125 + 6.5x150, 1x80x 2x100 Voltage Tester 120-250V
RG10411	8 Pc	- 2.5x75, 3.5x100, 5.5x125, 6.5x150 + 6.5x150, 1x80x 2x100 Voltage Tester 120-250V

### Star Screwdriver Sets

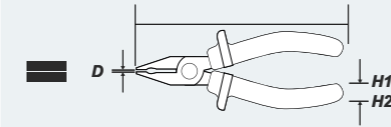
Part No.	Qty	Contents
RG10412	6 Pc	T10x60, T15x100, T20x100, T25x100, T30x100, T40x100

# PLIERS & CUTTERS



- Vde Pliers, Cutters And Wire Strippers For The Professional User.
- Tested To Iec900, Din En 60900 & Vde 0608/02.
- 1000v Insulated Tools Manufactured For Live Wire Work.
- Conforms To Din 2380.

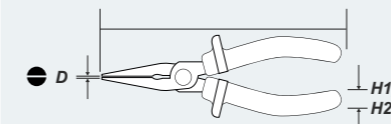
## VDE Insulated Combination Pliers



Part No.	Qty	L	D (mm)	H1 (mm)	H2 (mm)
RG10350	1	6"/152mm	2.8	1.8	7.5

6" Combination Pliers

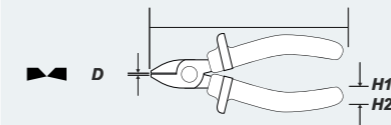
## VDE Insulated Long Nose Pliers



Part No.	Qty	L	D (mm)	H1 (mm)	H2 (mm)
RG10355	1	8"/203mm	3.0	2.0	7.5

8" Long Nose Pliers

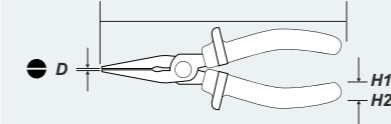
## VDE Insulated Diagonal Cutters



Part No.	Qty	L	D (mm)	H1 (mm)	H2 (mm)
RG10360	1	6"/152mm	2.8	1.8	7.5

6" Diagonal Cutting Pliers

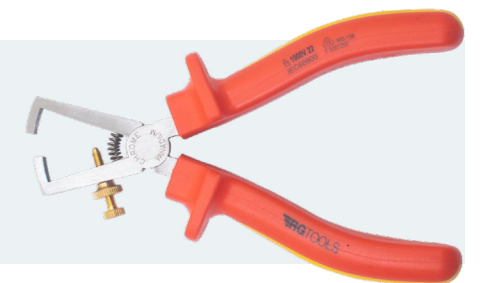
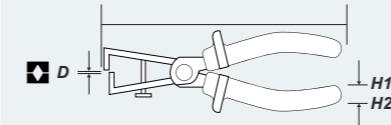
## VDE Insulated Bent Nose Pliers



Part No.	Qty	L	D (mm)	H1 (mm)	H2 (mm)
RG10365	1	8"/203mm	3.0	2.0	7.5

8" Bent Nose Pliers

## VDE Insulated Combination Pliers



Part No.	Qty	L	D (mm)	H1 (mm)	H2 (mm)
RG10370	1	6"/152mm	∅ 5=102	1.8	7.5

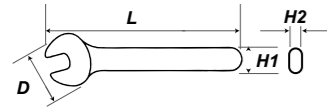
6" Wire Stripping Pliers

# SPANNER & TOOL SETS

- Vde Wrenches & Sockets For The Professional User.
- 1000v Insulated Tools Manufactured For Live Wire Work.
- Tested To Iec900, Din En 60900 & Vde 0608/02.
- Conforms To Din 2380.



## Insulated Open End Wrenches



Part No.	Qty	Size	D (mm)	L (mm)	H1 (mm)	H2 (mm)
RG10200	1	10mm	24	108	12	6.7
RG10205	1	13mm	32	144	16	7.5
RG10210	1	15mm	38	163	18	8
RG10215	1	17mm	40	163	18	8
RG10220	1	19mm	44	180	18	8
RG10225	1	24mm	55	224	22	10



### Wrench Set

Open end wrenches in heavy duty storage pouch

Part No.	Qty	Contents
RG10130	6 Pc	7, 8, 10, 12 & 14 mm

# SOCKET SETS

## Insulated Socket Set 1/2" Drive

1/2" Insulated VDE socket set with reversible ratchet, T-handle and extension bar in a heavy duty storage case.

Part No.	Qty	Sizes
RG10500	11pc	10, 12, 13, 14, 17, 19 & 24 mm



## Insulated Socket Set 1/2" Drive

1/2" Insulated VDE socket set with reversible ratchet, T-handle and extension bar in a heavy duty storage case.

Part No.	Qty	Sizes
RG10506	10pc	2 x 10, 11, 12, 2 x 13, 14, 16, 17 & 19 mm



## Insulated Socket Set 1/2" Drive

1/2" Insulated VDE socket set with reversible ratchet, T-handle and extension bar in a heavy duty storage case.

Part No.	Qty	Sizes
RG10120	8pc	14, 17, 19, 22 & 24 mm



## Insulated Socket Set 1/2" Drive

1/2" Insulated VDE socket set with reversible ratchet, T-handle and extension bar in a heavy duty storage case.

Part No.	Qty	Sizes
RG10502	9pc	8, 10, 12, 13, 14, 17 & 19 mm



## Insulated Socket Set 1/2" Drive

1/2" Insulated VDE socket set with reversible ratchet, T-handle and extension bar in a heavy duty storage case.

Part No.	Qty	Sizes
RG10504	10pc	2 x 10, 11, 12, 2 x 13, 14, 16, 17 & 19 mm



# SOCKET & TOOL SETS

## Insulated Socket Set 1/2" Drive

1/2" Insulated VDE socket set with reversible ratchet, T-handle and extension bar in a heavy duty storage case.

Part No.	Qty	Sizes
RG10110	9pc	7, 8, 10, 12 mm Sockets. PH2x100 & Slotted 5.5x125 Screwdrivers



## Insulated Tool Set 3/8" Drive

Professional, fully insulated VDE approved tool set for all electrical work. In a heavy duty case.

- Set Contains:**
- Combi Pliers
  - Side Cutters
  - Open End Wrenches: 7, 8, 10, 12 & 14mm
  - Screwdrivers: PH1x100, PH2x100, SL1.0x125, SL0.8x100 mm
  - 2 Cable Knives
  - 3/8" Drive Ratchet
  - 3/8" Drive Extension: 100 mm
  - 3/8" Drive Sockets: 7, 8, 10, 12 & 14 mm
  - 3/8" Drive Sockets: 1/4", 5/16", 3/8" 1/2", 9/16"
  - 3/8" Drive T-Handle



Part No.	Qty
RG10140	1 Set



# CRIMPERS & CUTTERS



**WARNING:** Crimpers, Cutters and Strippers on this page are NOT insulated and should not be used for live work.

## RG10350 - Wire Stripper & Cutter

- Automatic action wire stripper & cutter.
- Suitable for cable 0.23.5mm<sup>2</sup>
- Carbon steel blades



## RG10332 - Wire Stripper

- Professional multifunctional wire stripper
- With built in crimper for insulated and non-insulated terminals
- Spring loaded jaw has capacity for wire 0.2 - 6.0 mm<sup>2</sup> thick.

## RG10335 - Professional Ratchet Crimpers

- Ratchet crimper for red
- Heavy Duty blue & yellow
- Angled head for pre-insulated terminals better accessibility



## RG10334 - Ratchet Crimpers

- Ratchet crimper for red, blue & yellow pre-insulated terminals
- Cushioned handles

## RG10331 - Terminals & Crimper

- Professional crimp tool with a selection of red & blue popular terminals
- Will crimp insulated & non-insulated terminals.
- Colour coded



## RG10333 - DT Crimping Tool

- Professional 4 way indent crimping tool for DT & DTM terminals
- 4 way indent crimp jaws offer a perfect solid crimp that leave no movement on the cable in the crimp

## RG10330 - Superseal Crimping Pliers

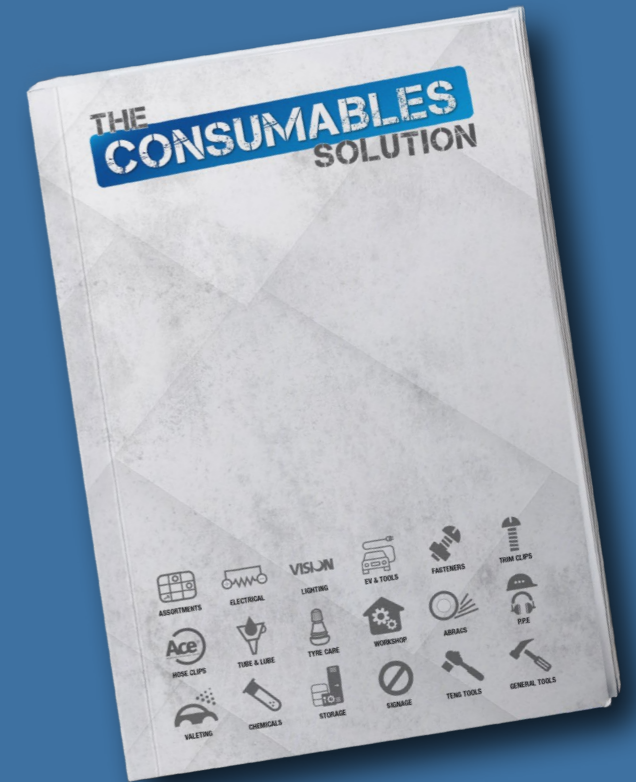
- Ratchet crimper for superseal and other non-insulated terminals
- Supplied with two sets of jaws - H2 jaws: 0.35-0.5 & 1.5mm<sup>2</sup>. H3 Jaws: 0.75 & 1.0mm<sup>2</sup>



## LOOKING FOR MORE?

Order your Consumables Solution catalogue for our full range of electrical items including:

- Terminals
- Connectors
- Heat Shrink
- Insulation Tapes
- Cables
- Cable Ties
- Clips & Grommets
- Fuses & Fuse Holders
- Testers
- Batteries
- Torches
- Auto Bulbs
- Plugs Sockets & Switches



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