



Insulated Tools Limited



Insulated Tools
for Live Line Working

“For thine especial safety” (Hamlet, IV, III)

New Catalogue, New Products, New Benefits

- ▶ Welcome to the latest edition of our catalogue which features some new products plus redesigned screwdriver handles which we have adopted for all screwdriver type products.



- ▶ This handle brings these tools into the 21st century and we are sure you will agree that they are easier and more comfortable to use.
- ▶ However if you have a preference for the Engineers' or Cabinet Handle Screwdriver we can of course still oblige.

Our Company History

- ▶ Over forty years ago, the then nationalised Area Electricity Boards, were experiencing problems in obtaining hand tools insulated to a high enough standard. To this end, senior engineers and safety officers from the Boards set up a working group to look into their requirements and to establish a specification that all tools needed to meet before they could be considered safe for live line working.



- ▶ The group, which included the founder of our company, researched the basic tools that would be required and all aspects that needed to be covered in relation to insulating these tools.



- ▶ The outcome of this work was the initial ESI 26-3 specification, which stated that all tools must be able to pass an electrical test of 10,000 volts for 3 minutes whilst submerged in water.
- ▶ The material must be able to function at temperatures from -20°C to $+70^{\circ}\text{C}$, the material must also be able to withstand impact, be flame retardant, have a good adhesion to the tool and also have the minimum moisture retention.

- ▶ This specification has now been superseded by the International IEC 60900, of which IEC 60900:2004 is the current version. Basically this specification is identical to the ESI 26-3.



- ▶ Although PVC will meet the requirements of these tests, the members of the committee all agreed that the material Nylon 11 was by far the best option, in that it more than met the above requirements, plus it is a much harder wearing material and will withstand the rigours of being out in the field longer. This not only makes the tools more cost effective, but also gives the operator that essential protection for longer.



Category “C”

- Now that the specification for Live Line Working Tools has been adopted worldwide an additional category has been included to take into account workers who have to operate in sub-zero temperatures.



- In general tools have to be able to withstand impact at a temperature of -20°C, as previously stated, but in certain countries this temperature can be reached on a regular basis, therefore tests at -20°C do not offer adequate safety margins.
- Now you can obtain tools which have been subjected to impact at temperatures down to -40°C and these can carry the category “C” mark for identification.
- We are proud to confirm that after carrying out the necessary tests on our products, the material Nylon 11, which makes our products unique, more than meets this additional specification, confirming once again that our tools are the best that money can buy.

- From the outset ITL has adopted the material Nylon 11 for the reasons stated and is the only supplier to do so. Nylon is applied by means of injection moulding rather than the easier to apply dipping alternative used for PVC.
- So when you need to re-stock your tool kit, make sure your tools are from ITL, your first and best choice for protection.

Ordering

- Ordering could not be easier, you can make your selection and order online at: www.insulatedtools.co.uk using our online shopping facilities, or fax your order to us on +44 (0)1342 327115.
- Please do not hesitate to telephone us on +44 (0)1342 324255 if you need any further assistance.



Major credit cards are accepted and account customers will be invoiced in line with our agreed terms and conditions.



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Contents

| | Pages |
|--------------------------|----------|
| Tool Kits | 4, 6 & 9 |
| Pliers and Cutters | 4 - 6 |
| Spanners | 6 - 9 |
| Sockets and Accessories | 9 - 11 |
| Saws and Knives | 12 - 13 |
| Screwdrivers | 13 - 14 |
| Nut Spinners | 15 |
| Link Extractors | 15 - 16 |
| Hexagon Keys | 16 - 17 |
| Box Spanners | 18 |
| Jointers' Ladles | 18 |
| Core Bending Bars | 18 |
| Sheath Lifting Tool | 19 |
| Holding Tools | 19 |
| Shrouds | 19 |
| Wedges | 19 - 20 |
| Cable Jointers' Umbrella | 20 |
| Guy Rope Set | 20 |
| Knockout Tool | 20 |
| Removal Tool | 20 |
| Fuse Carrier/Pullers | 20 |
| Cut-Out Tees | 20 |
| Phase 'B' Scott Barriers | 21 |
| Paint/Dusting Brushes | 21 |
| Police Probes | 21 |
| Tool Rolls | 21 |
| Electricians Tool Case | 21 |
| Cable Jointers' Holdall | 21 |
| Electricians' Gloves | 22 |
| Cotton Inner Gloves | 22 |
| Leather Over Gloves | 22 |
| Glove Container | 22 |
| Switchboard Matting | 22 |



serving the procurement professional





Deluxe Tool Kit (21pcs in Orange Tool Case)

| Code No. | Cat. No. | Weight (gms) | Comprising of:- 1 each: | | |
|----------|----------|--------------|-------------------------|----------|---------------------------------------|
| 00002 | IT.GPT21 | | Code No. | Cat. No. | Description |
| | | | 01860 | IT.18/3 | 3" Terminal Screwdriver |
| | | | 01890 | IT.500/6 | 6" Electricians Screwdriver (5mm tip) |
| | | | 01920 | IT.316/6 | 6" Electricians Screwdriver(6mm tip) |
| | | | 01980 | IT.PX1/3 | No.1 Pozi Screwdriver |
| | | | 01990 | IT.PX2/4 | No.2 Pozi Screwdriver |
| | | | 00021 | IT.CP-8 | 8" Combination Pliers |
| | | | 00051 | IT.SNP-6 | 6" Snipe Nose Pliers |
| | | | 00120 | IT.CC-8 | 8" Cable Cutter |
| | | | 00101 | IT/DCN6 | 6" Diag. Cutters |
| | | | 00141 | IT/WP10 | 10" G. J. Pliers |
| | | | 01830 | IT/CCK | C.J.Coring Knife 7" |
| | | | 03000 | IT.BA/8 | 8" Adjustable Spanner |
| | | | 01810 | IT.HSFJ | 6" Junior Hacksaw |
| | | | 00970 | | 2BA Open Ended Spanner |
| | | | 00300 | | 13mm Open Ended Spanner |
| | | | 00340 | | 17mm Open Ended Spanner |
| | | | 00360 | | 19mm Open Ended Spanner |
| | | | 00410 | | 24mm Open Ended Spanner |
| | | | 01080 | | 13mm Ring Spanner |
| | | | 01090 | | 17mm Ring Spanner |
| | | | 01100 | | 19mm Ring Spanner |
| | | | 03005 | IT/TC | Tool Case (Orange) |



General Purpose Tool Kit (10pcs in Tool Roll)

| Code No. | Cat. No. | Weight (gms) | Comprising of:- 1 each: | | |
|----------|----------|--------------|-------------------------|----------|---------------------------------------|
| 00002 | IT.GPT21 | | Code No. | Cat. No. | Description |
| | | | 01860 | IT.18/3 | 3" Terminal Screwdriver |
| | | | 01890 | IT.500/6 | 6" Electricians Screwdriver (5mm tip) |
| | | | 01920 | IT.316/6 | 6" Electricians Screwdriver(6mm tip) |
| | | | 01980 | IT.PX1/3 | No.1 Pozi Screwdriver |
| | | | 01990 | IT.PX2/4 | No.2 Pozi Screwdriver |
| | | | 00021 | IT.CP-8 | 8" Combination Pliers |
| | | | 00051 | IT.SNP-6 | 6" Snipe Nose Pliers |
| | | | 00120 | IT.CC-8 | 8" Cable Cutter |
| | | | 03000 | IT.BA/8 | 8" Adjustable Spanner |
| | | | 01810 | IT.HSFJ | 6" Junior Hacksaw |
| | | | 03191 | IT.TR/12 | Tool Roll 12 pocket |



Combination Pliers (Engineers Pliers) with Side Cutter, Burner Hole and Facets

| Code No. | Cat. No. | Length (mm) | Length (inch) | Wire Dia. 800 N/mm ² | Wire Dia. 1600 N/mm ² | Weight (gms) |
|----------|----------|-------------|---------------|---------------------------------|----------------------------------|--------------|
| 00011 | IT/CP-6 | 160 | 6 1/4 | 2.5 | 1.8 | 195 |
| 00021 | IT/CP-8 | 200 | 8 | 3.0 | 2.5 | 310 |
| 00031 | IT/CP-10 | 250 | 10 | 2.5 | 1.6 | 620 |



Snipe Nose Pliers with Side Cutter and Burner Hole

| Code No. | Cat. No. | Length (mm) | Length (inch) | Wire Dia. 800 N/mm ² | Wire Dia. 800 N/mm ² | Weight (gms) |
|----------|----------|-------------|---------------|---------------------------------|---------------------------------|--------------|
| 00051 | IT/SNP-6 | 160 | 6 1/4 | 2.5 | 1.6 | 135 |
| 00061 | IT/SNP-8 | 200 | 8 | 2.8 | 1.8 | 190 |





Bent Nose Pliers with Side Cutter, bent jaws 45°

| Code No. | Cat. No. | Length (mm) | Length (inch) | Wire Dia. 800 N/mm ² | Wire Dia. 800 N/mm ² | Weight (gms) |
|----------|----------|-------------|---------------|---------------------------------|---------------------------------|--------------|
| 00071 | IT/BNP-6 | 160 | 6 ¼ | 2.5 | 1.6 | 135 |
| 00081 | IT/BNP-8 | 200 | 8 | 2.8 | 1.8 | 190 |



Flat Nose Pliers

| Code No. | Cat. No. | Length (mm) | Length (inch) | Jaw Length (mm) | Jaw Length (inch) | Weight (gms) |
|----------|----------|-------------|---------------|-----------------|-------------------|--------------|
| 00091 | IT/FNP-6 | 160 | 6 ¼ | 22 | 7/8 | 180 |



Diagonal Cutting Nippers

| Code No. | Cat. No. | Length (mm) | Length (inch) | Wire Dia. 800 N/mm ² | Wire Dia. 1600 N/mm ² | Weight (gms) |
|----------|----------|-------------|---------------|---------------------------------|----------------------------------|--------------|
| 00101 | IT/DCN-6 | 160 | 6 ¼ | 2.8 | 2.0 | 205 |
| 00111 | IT/DCN-7 | 180 | 7 | 3.0 | 2.5 | 265 |



High Leverage Diagonal Cutting Nippers

| Code No. | Cat. No. | Length (mm) | Length (inch) | Wire Dia. 800 N/mm ² | Wire Dia. 1600 N/mm ² | Wire Dia. 2300 N/mm ² | Weight (gms) |
|----------|----------|-------------|---------------|---------------------------------|----------------------------------|----------------------------------|--------------|
| 00115 | IT/HLN-7 | 180 | 7 | 3.8 | 2.7 | 2.2 | 245 |



Cable Croppers 8" (for Aluminium and Copper Cables only)

| Code No. | Cat. No. | Length (mm) | Length (inch) | Stranded Wires Dia. | Solid Wires Dia. | Weight (gms) |
|----------|----------|-------------|---------------|---------------------|-------------------|--------------|
| 00120 | IT/CC-8 | 200 | 8 | 50mm ² | 25mm ² | 360 |



Cable Croppers 9" (for Aluminium and Copper Cables only)

| Code No. | Cat. No. | Length (mm) | Length (inch) | Stranded Wires Dia. | Solid Wires Dia. | Weight (gms) |
|----------|----------|-------------|---------------|---------------------|-------------------|--------------|
| 00125 | IT/CC-9 | 235 | 9 | 95mm ² | 70mm ² | 500 |



Cable Croppers 10" (for Aluminium and Copper Cables only)

| Code No. | Cat. No. | Length (mm) | Length (inch) | Stranded Wires Diameter | Weight (gms) |
|----------|----------|-------------|---------------|-------------------------|--------------|
| 00130 | IT/CC-10 | 250 | 10 | 19.064" 440V | 595 |

Insulated Tools for Live Line Working



Large Cable Croppers (for Aluminum and Copper cables only)

| Code No. | Cat. No. | Length (mm) | Length (inch) | Cable Dia. | Weight (gms) |
|----------|----------|-------------|---------------|-------------------|--------------|
| 00136 | IT/CC-26 | 670 | 26 | 30mm ² | 2200 |



Waterpump Pliers (Groove Joint)

| Code No. | Cat. No. | Max. Opening (mm) | Max. Opening (inch) | Length (mm) | Length (inch) | Weight (gms) |
|----------|----------|-------------------|---------------------|-------------|---------------|--------------|
| 00141 | IT/WP-10 | 35 | 1 3/8 | 250 | 10 | 345 |
| 00151 | IT/WP-12 | 55 | 2 1/4 | 300 | 12 | 600 |
| 00161 | IT/WP-16 | 110 | 4 1/4 | 400 | 16 | 1100 |



End Wire Strippers with Adjusting Screw

| Code No. | Cat. No. | Length (mm) | Length (inch) | Weight (gms) |
|----------|----------|-------------|---------------|--------------|
| 00171 | IT/WS-6 | 160 | 6 1/4 | 180 |



Tree Loppers

| Code No. | Cat. No. | Length (mm) | Length (inch) | Max. Diameter (mm) | Weight (gms) |
|----------|----------|-------------|---------------|--------------------|--------------|
| 00171 | IT/TL21 | 535 | 21 | 30 | 1935 |
| 00172 | IT/TL32 | 815 | 32 | 40 | 2600 |



Totally Insulated Spanner Set (8pcs in Tool Roll)

| Code No. | Cat. No. | Weight (gms) |
|-------------------------|----------|--------------------|
| 01165 | IT.ISS8 | 1200 |
| Comprising of:- 1 each: | | |
| Code No. | Cat. No. | Description |
| 00970 | 2BA | Open Ended Spanner |
| 00300 | 13mm | Open Ended Spanner |
| 00340 | 17mm | Open Ended Spanner |
| 00360 | 19mm | Open Ended Spanner |
| 00410 | 24mm | Open Ended Spanner |
| 01080 | 13mm | Ring Spanner |
| 01090 | 17mm | Ring Spanner |
| 01100 | 19mm | Ring Spanner |
| 03190 | IT.TR/8 | Tool Roll 8 pocket |



General Purpose Single Ended Spanners

(Handles only Insulated and incorporating "Warning" Thumb Stop)

| Code No. | Size (mm) | Weight (gms) | Code No. | Size (inch) | Weight (gms) |
|----------|-----------|--------------|-----------------|--------------------|---------------------|
| 00620 | 7mm | 27 | 00510 | 3/16 Whit | 48 |
| 00630 | 8mm | 31 | 00520 | 1/4 Whit | 70 |
| 00640 | 10mm | 48 | 00530 | 5/16 Whit | 85 |
| 00650 | 11mm | 50 | 00540 | 3/8 Whit | 125 |
| 00660 | 12mm | 65 | 00550 | 7/16 Whit | 190 |
| 00670 | 13mm | 70 | 00560 | 1/2 Whit | 235 |
| 00680 | 14mm | 90 | 00570 | 9/16 Whit | 270 |
| 00690 | 15mm | 97 | 00580 | 5/8 Whit | 300 |
| 00700 | 16mm | 110 | 00590 | 11/16 Whit | 320 |
| 00710 | 17mm | 120 | 00600 | 3/4 Whit | 392 |
| 00720 | 18mm | 134 | 00610 | 7/8 Whit | 520 |
| 00730 | 19mm | 150 | Code No. | Size (inch) | Weight (gms) |
| 00740 | 21mm | 185 | 00810 | 3/8 A/F | 69 |
| 00750 | 22mm | 190 | 00820 | 7/16 A/F | 72 |
| 00760 | 23mm | 200 | 00830 | 1/2 A/F | 76 |
| 00770 | 24mm | 210 | 00840 | 9/16 A/F | 78 |
| 00780 | 30mm | 350 | 00850 | 5/8 A/F | 100 |
| 00790 | 32mm | 412 | 00860 | 11/16 A/F | 118 |
| 00800 | 36mm | 507 | 00870 | 3/4 A/F | 130 |
| | | | 00880 | 13/16 A/F | 175 |
| | | | 00890 | 7/8 A/F | 195 |
| | | | 00900 | 1" A/F | 240 |
| | | | 00910 | 1 1/8 A/F | 300 |
| | | | 00920 | 1 1/4 A/F | 330 |
| | | | 00930 | 1 5/16 A/F | 360 |
| | | | 00940 | 1 7/16 A/F | 395 |
| | | | 00950 | 1 1/2 A/F | 420 |



Minature BA, Single Ended Spanners

(Handles only Insulated and incorporating "Warning" Thumb Stop)

| Code No. | Size | Length (mm) | Length (inch) | Weight (gms) |
|----------|------|-------------|---------------|--------------|
| 00960 | 0BA | 90 | 3 1/2 | 19 |
| 00970 | 2BA | 85 | 3 1/4 | 17 |
| 00980 | 3BA | 80 | 3 1/8 | 11 |
| 00990 | 4BA | 80 | 3 1/8 | 9 |

Insulated Tools for Live Line Working



Totally Insulated Single Ended Spanners

(Incorporating "Warning" Thumb Stop)

| Code No. | Size (mm) | Weight (gms) | Code No. | Size (inch) | Weight (gms) |
|----------|-----------|--------------|-----------------|--------------------|---------------------|
| 00280 | 10mm | 47 | 00180 | 3/16 Whit | 50 |
| 00290 | 11mm | 48 | 00190 | 1/4 Whit | 78 |
| 00300 | 13mm | 78 | 00200 | 5/16 Whit | 87 |
| 00310 | 14mm | 93 | 00210 | 3/8 Whit | 120 |
| 00320 | 15mm | 94 | 00220 | 7/16 Whit | 170 |
| 00330 | 16mm | 120 | 00230 | 1/2 Whit | 215 |
| 00340 | 17mm | 120 | 00240 | 9/16 Whit | 275 |
| 00350 | 18mm | 170 | 00250 | 5/8 Whit | 305 |
| 00360 | 19mm | 170 | 00260 | 11/16 Whit | 335 |
| 00370 | 20mm | 200 | 00270 | 3/4 Whit | 397 |
| 00380 | 21mm | 205 | | | |
| 00390 | 22mm | 205 | Code No. | Size (inch) | Weight (gms) |
| 00400 | 23mm | 215 | 00430 | 3/8 A/F | 70 |
| 00410 | 24mm | 215 | 00440 | 7/16 A/F | 73 |
| 00420 | 30mm | 310 | 00441 | 1/2 AF | 80 |
| | | | 00450 | 9/16 A/F | 80 |
| | | | 00455 | 5/8 A/F | 122 |
| | | | 00460 | 11/16 A/F | 122 |
| | | | 00470 | 3/4 A/F | 135 |
| | | | 00480 | 7/8 A/F | 200 |
| | | | 00490 | 1" A/F | 245 |
| | | | 00500 | 1" 1/4 A/F | 340 |



Adjustable Spanners

| Code No. | Cat. No. | Max. Opening (mm) | Max. Opening (inch) | Overall Length (mm) | Overall Length (inch) | Weight (gms) |
|----------|----------|-------------------|---------------------|---------------------|-----------------------|--------------|
| 03000 | IT.BA/8 | 24 | 1 | 203 | 8 | 235 |
| 03010 | IT.BA12 | 35 | 1 3/8 | 303 | 12 | 640 |
| 03020 | IT.BA/15 | 45 | 1 3/4 | 380 | 15 | 1025 |



Hammer Head Wrench

| Code No. | Cat. No. | Max. Opening (mm) | Max. Opening (inch) | Overall Length (mm) | Overall Length (inch) | Weight (gms) |
|----------|-----------|-------------------|---------------------|---------------------|-----------------------|--------------|
| 03105 | IT.HHW/12 | 45 | 1 3/4 | 300 | 12 1/2 | 800 |



Totally Insulated Ring Spanners Single Ended with 60° Offset Head

| Code No. | Size (mm) | Weight (gms) | Code No. | Size (inch) | Weight (gms) |
|----------|-----------|--------------|----------|-------------|--------------|
| 01060 | 8mm | 42 | 01000 | 1/4 Whit | 85 |
| 01070 | 10mm | 50 | 01010 | 3/8 Whit | 150 |
| 01080 | 13mm | 85 | 01020 | 7/16 Whit | 200 |
| 01090 | 17mm | 150 | 01030 | 1/2 Whit | 290 |
| 01100 | 19mm | 195 | 01040 | 9/16 Whit | 300 |
| 01110 | 22mm | 245 | 01050 | 5/8 Whit | 450 |
| 01120 | 24mm | 290 | | | |
| | | | Code No. | Size (inch) | Weight (gms) |
| | | | 01130 | 9/16 A/F | 85 |
| | | | 01140 | 3/4 A/F | 195 |
| | | | 01150 | 7/8 A/F | 245 |
| | | | 01160 | 1" A/F | 300 |



Totally Insulated Flat Ring Spanners

| Code No. | Cat. No. | Size (mm) | Overall Length (mm) | Overall Length (inch) | Weight (gms) |
|----------|-----------|-----------|---------------------|-----------------------|--------------|
| 01081 | IT.FRS/13 | 13 | 150 | 6 | 65 |
| 01091 | IT.FRS/17 | 17 | 210 | 8.1/4 | 110 |



Socket Set (1/2" Sq. Drive) 12pcs in Metal Box

| Code No. | Cat. No. | Weight (gms) | Description |
|----------|-----------|--------------|---------------------------------|
| 03100 | IT/SKTS12 | 2200 | Comprising of:- 1 each: |
| | | | Code No. Cat. No. Size |
| | | | 01750 IT.RR Reversible Ratchet |
| | | | 01760 IT.RR/E5 5" Extension Bar |
| | | | 01330 8mm Socket |
| | | | 01350 10mm Socket |
| | | | 01380 13mm Socket |
| | | | 01420 17mm Socket |
| | | | 01440 19mm Socket |
| | | | 01450 20mm Socket |
| | | | 01570 3/8 A/F Socket |
| | | | 01590 1/2 A/F Socket |
| | | | 01630 3/4 A/F Socket |
| | | | 01650 7/8 A/F Socket |



Totally Insulated Reversible Ratchet 1/2" Sq. Drive

| Code No. | Cat. No. | Length (mm) | Length (inch) | Weight (gms) |
|----------|----------|-------------|---------------|--------------|
| 01750 | IT/RR | 250 | 10 | 480 |



Extension Bars 1/2" Sq. Drive

| Code No. | Cat. No. | Length (mm) | Length (inch) | Weight (gms) |
|----------|-----------|-------------|---------------|--------------|
| 01760 | IT/RR/E5 | 125 | 5 | 210 |
| 01770 | IT/RR/E10 | 250 | 10 | 400 |

Insulated Tools for Live Line Working



Totally Insulated Sockets 1/2" Sq. Drive

| Code No. | Size (mm) | Weight (gms) | Code No. | Size (inch) | Weight (gms) |
|----------|-----------|--------------|-----------------|--------------------|---------------------|
| 01330 | 8mm | 30 | 01220 | 1/8 Whit | 62 |
| 01340 | 9mm | 66 | 01230 | 3/16 Whit | 66 |
| 01350 | 10mm | 67 | 01240 | 1/4 Whit | 70 |
| 01360 | 11mm | 67 | 01250 | 5/16 Whit | 75 |
| 01370 | 12mm | 68 | 01260 | 3/8 Whit | 82 |
| 01380 | 13mm | 68 | 01270 | 7/16 Whit | 105 |
| 01390 | 14mm | 70 | 01280 | 1/2 Whit | 130 |
| 01400 | 15mm | 73 | 01290 | 9/16 Whit | 160 |
| 01410 | 16mm | 74 | 01300 | 5/8 Whit | 165 |
| 01420 | 17mm | 75 | 01310 | 11/16 Whit | 180 |
| 01430 | 18mm | 85 | 01320 | 3/4 Whit | 215 |
| 01440 | 19mm | 90 | Code No. | Size (inch) | Weight (gms) |
| 01450 | 20mm | 108 | 01570 | 3/8 A/F | 67 |
| 01460 | 21mm | 120 | 01580 | 7/16 A/F | 70 |
| 01470 | 22mm | 124 | 01590 | 1/2 A/F | 70 |
| 01480 | 23mm | 126 | 01600 | 6/16 A/F | 73 |
| 01490 | 24mm | 130 | 01610 | 5/8 A/F | 74 |
| 01500 | 25mm | 140 | 01620 | 11/16 A/F | 85 |
| 01510 | 26mm | 158 | 01630 | 3/4 A/F | 90 |
| 01520 | 27mm | 205 | 01640 | 13/16 A/F | 120 |
| 01530 | 28mm | 205 | 01650 | 7/8 A/F | 126 |
| 01540 | 29mm | 207 | 01660 | 15/16 A/F | 130 |
| 01550 | 30mm | 210 | 01670 | 1" A/F | 158 |
| 01560 | 32mm | 215 | 01680 | 1 1/16 A/F | 205 |

Long Reach Sockets 1/2" Sq. Drive

| Code No. | Size (mm) | Weight (gms) |
|----------|-----------|--------------|
| 01381 | 13 | 125 |
| 01421 | 17 | 150 |
| 01441 | 19 | 165 |
| 01471 | 22 | 240 |
| 01491 | 24 | 385 |

Hex. Key Sockets 1/2" Sq. Drive

| Code No. | Size (mm) | Weight (gms) |
|----------|-----------|--------------|
| 02762A | 4 | 45 |
| 02763 | 5 | 55 |
| 02764 | 6 | 80 |
| 02765 | 10 | 90 |

Impact Sockets 1/2" Sq. Drive

| Code No. | Size (mm) | Weight (gms) |
|----------|-----------|--------------|
| 01382 | 13 | 85 |
| 01410 | 15 | 150 |
| 01422 | 17 | 130 |
| 01432 | 18 | 135 |
| 01442 | 19 | 130 |
| 01461 | 21 | 135 |



"L" Shaped 1/2" Sq. Drive Bars

| Code No. | Cat.No. | Length (mm) | Reach (mm) | Weight (gms) |
|----------|---------|-------------|------------|--------------|
| 01170 | IT/SS3 | 330 | 80 | 545 |



"T" Shaped 1/2" Sq. Drive Bars

| Code No. | Cat. No. | "T" Handle (mm) | Reach (mm) | Weight (gms) |
|----------|----------|-----------------|------------|--------------|
| 01180 | IT/SS4 | 350 | 100 | 600 |
| 01190 | IT/SS6 | 140 | 150 | 825 |
| 01200 | IT/SS12 | 240 | 300 | 825 |
| 01210 | IT/SS18 | 240 | 450 | 1200 |



Totally Insulated Reversible Ratchets 3/8" Sq. Drive

| Code No. | Cat. No. | Length (mm) | Length (inch) | Weight (gms) |
|----------|----------|-------------|---------------|--------------|
| 01780 | IT/RR38 | 175 | 7 | 250 |



Extension Bars 3/8" Sq. Drive

| Code No. | Cat. No. | Length (mm) | Length (inch) | Weight (gms) |
|----------|----------|-------------|---------------|--------------|
| 01790 | IT/RR/E3 | 75 | 3 | 85 |



Totally Insulated Sockets 3/8" Sq. Drive

| Code No. | Size (mm) | Weight (gms) |
|----------|-----------|--------------|
| 01720 | 13 | 30 |
| 01730 | 17 | 50 |
| 01740 | 19 | 80 |

Hex. Key Sockets 3/8" Sq. Drive

| Code No. | Size | Weight (gms) |
|----------|----------|--------------|
| 02747 | 3/16 A/F | 50 |
| 02748 | 5mm | 60 |
| 02749 | 4mm | 40 |



Fixed Ratchets (Reversible with 2 Sizes)

| Code No. | Cat. No. | Sizes (mm) | Overall Length (mm) | Overall Length (inch) | Weight (gms) |
|----------|----------|------------|---------------------|-----------------------|--------------|
| 03030 | IT.FR/13 | 13 x 17 | 210 | 8 1/4 | 275 |
| 03040 | IT.FR/17 | 17 x 19 | 240 | 9 1/2 | 450 |
| 03045 | IT.FR/21 | 21 x 26 | 300 | 12 | 700 |
| 03050 | IT.FR/24 | 24 x 30 | 300 | 12 | 1000 |

Insulated Tools for Live Line Working



Insulated Scraping Tool

(for Removing Oxide Film from Aluminium Conductors prior to jointing)

| Code No. | Cat. No. | Length (mm) | Length (inch) | Weight (gms) |
|----------|----------|-------------|---------------|--------------|
| 01800 | IT/CST | 175 | 7 | 53 |



Insulated Junior Hacksaw

| Code No. | Cat. No. | Blade Length (mm) | Blade Length (inch) | Overall length (mm) | Overall length (inch) | Weight (gms) |
|----------|---|-------------------|---------------------|---------------------|-----------------------|--------------|
| 01810 | IT/HSFJ | 150 | 6 | 270 | 10 1/2 | 145 |
| 01812 | Junior Hacksaw Blades - 25 pti - pack of 12 | | | | | |



Insulated Hacksaw

| Code No. | Cat. No. | Blade Length (mm) | Blade Length (inch) | Overall length (mm) | Overall length (inch) | Weight (gms) |
|----------|--|-------------------|---------------------|---------------------|-----------------------|--------------|
| 01820 | IIT/HSF12 | 300 | 12 | 480 | 19 | 658 |
| 01821 | 12" Hacksaw Blades - 24 tpi - pack of 10 | | | | | |
| 01822 | 12" Hacksaw Blades - 14 tpi - pack of 10 | | | | | |



Armour Saw – complete with Blade (for cutting the outer on Armour Cable)

| Code No. | Cat. No. | Blade Length (mm) | Blade Length (inch) | Overall length (mm) | Overall length (inch) | Weight (gms) |
|----------|-----------------------------|-------------------|---------------------|---------------------|-----------------------|--------------|
| 03060 | IT.CAS/6 | 150 | 6 | 260 | 10 1/4 | 310 |
| 03062 | Armour Saw Blades pack of 2 | | | | | |



Cable Jointers Coring Knife

| Code No. | Cat. No. | Blade Length (mm) | Blade Length (inch) | Overall length (mm) | Overall length (inch) | Weight (gms) |
|----------|----------|-------------------|---------------------|---------------------|-----------------------|--------------|
| 01830 | IT.CCK | 65 | 2 1/4 | 175 | 7 | 120 |



Jointers Hacking Knife

| Code No. | Cat. No. | Blade Length (mm) | Blade Length (inch) | Overall length (mm) | Overall length (inch) | Weight (gms) |
|----------|----------|-------------------|---------------------|---------------------|-----------------------|--------------|
| 01840 | IT/HK | 110 | 4 1/4 | 235 | 9 1/4 | 221 |



Jointers Plastic Hack Knife

| Code No. | Cat. No. | Blade Length (mm) | Blade Length (inch) | Overall length (mm) | Overall length (inch) | Weight (gms) |
|----------|----------|-------------------|---------------------|---------------------|-----------------------|--------------|
| 01845 | IT/PHK | 110 | 4 1/4 | 220 | 8 1/2 | 65 |



Linesmans Hack Knife with Lockable Holster

| Code No. | Cat. No. | Blade Length (mm) | Blade Length (inch) | Overall length (mm) | Overall length (inch) | Weight (gms) |
|----------|----------|-------------------|---------------------|---------------------|-----------------------|--------------|
| 01835 | IT/LHK | 90 | 3 1/2 | 245 | 9 1/2 | 227 |



Insulated Inspection Mirror

| Code No. | Cat. No. | Mirror Dia. (mm) | Mirror Dia. (inch) | Overall length (mm) | Overall length (inch) | Weight (gms) |
|----------|----------|------------------|--------------------|---------------------|-----------------------|--------------|
| 01850 | IT/IM | 24 | 1 | 170 | 6 3/4 | 12 |



Insulated Electricians Terminal Screwdrivers (with Parallel Blades)

| Code No. | Cat. No. | Blade Size (mm) | Dia of Ins. (mm) | Handle Size (mm) | Overall Length (mm) | Weight (gms) |
|----------|----------|-----------------|------------------|------------------|---------------------|--------------|
| 01860 | IT.18/3 | 75 x 3 x 0.5 | 5 | 70 x 22 | 150 | 19 |
| 01870 | IT.18/4 | 100 x 3 x 0.5 | 5 | 70 x 22 | 175 | 20 |



Insulated Electricians Screwdrivers (with Parallel Blades)

| Code No. | Cat. No. | Blade Size (mm) | Dia. Of Ins. (mm) | Handles Size (mm) | Overall length (mm) | Weight (gms) |
|----------|----------|-----------------|-------------------|-------------------|---------------------|--------------|
| 01875 | IT.504/6 | 75 x 4 x 0.8 | 7 | 100 x 30 | 155 | 50 |
| 01880 | IT.500/3 | 75 x 5 x 1 | 7 | 100 x 30 | 152 | 40 |
| 01890 | IT.500/6 | 150 x 5 x 1 | 7 | 100 x 30 | 227 | 55 |
| 01910 | IT.500/8 | 203 x 5 x 1 | 7 | 100 x 30 | 280 | 60 |
| 01915 | IT.14/5 | 125 x 6.5 x 1.2 | 8 | 100 x 30 | 215 | 97 |
| 01920 | IT.316/6 | 103 x 6.5 x 1.2 | 6.5 | 110 x 34 | 253 | 79 |

Insulated Tools for Live Line Working



Insulated Engineers Screwdrivers (with Parallel Blades)

| Code No. | Cat. No. | Blade Size (mm) | Dia. Of Ins. (mm) | Handles Size (mm) | Overall length (mm) | Weight (gms) |
|----------|-----------|-----------------|-------------------|-------------------|---------------------|--------------|
| 01930 | IT.501/4 | 100 x 6.5 x 1.2 | 8 | 110 x 34 | 203 | 87 |
| 01940 | IT.502/6 | 150 x 8 x 1.2 | 10 | 110 x 34 | 253 | 143 |
| 01960 | IT.503/8 | 203 x 10 x 1.6 | 13 | 120 x 35 | 317 | 260 |
| 01970 | IT.503/10 | 254 x 10 x 1.6 | 13 | 120 x 35 | 368 | 300 |



Insulated Screwdrivers (with Reduced Shanks for easier access)

| Code No. | Cat. No. | Blade Size (mm) | Dia. Of Ins. (mm) | Handles Size (mm) | Overall length (mm) | Weight (gms) |
|----------|-----------|-----------------|-------------------|-------------------|---------------------|--------------|
| 01900 | IT.500/6R | 150 x 5 x 1 | 6 | 100 x 30 | 227 | 55 |
| 01950 | IT.502/6R | 150 x 8 x 1.2 | 8 | 110 x 34 | 253 | 143 |



Insulated Pozidrive Screwdrivers

| Code No. | Cat. No. | Blade Size (mm) | Dia. Of Ins. (mm) | Handles Size (mm) | Overall length (mm) | Weight (gms) |
|----------|-----------|-----------------|-------------------|-------------------|---------------------|--------------|
| 01979 | IT.PX0/3 | 75 x 3 x No.0 | 7 | 70 x 20 | 150 | 19 |
| 01980 | IT. PX1/3 | 75 x 5 x No.1 | 7 | 100 x 30 | 152 | 40 |
| 01989 | IT.PX1/8 | 200 x 5 x No.1 | 7 | 100 x 30 | 280 | 60 |
| 01990 | IT.PX2/4 | 100 x 6 x No.2 | 8 | 110 x 34 | 203 | 85 |
| 02210 | IT.PX2/10 | 235 x 6 x No.2 | 8 | 100 x 30 | 330 | 118 |
| 02000 | IT.PX3/6 | 150 x 8 x No.3 | 10 | 110 x 34 | 253 | 137 |



Insulated Slot/Pozi Screwdrivers

| Code No. | Cat No. | Blade size (mm) | Diameter of (mm) | Handle Size (mm) | Overall Length (mm) | Weight (gms) |
|----------|-----------|-----------------|------------------|------------------|---------------------|--------------|
| 01981 | IT.SPX1/3 | 75 x 5 x No.1 | 7 | 100 x 30 | 152 | 40 |
| 01991 | IT.SPX2/4 | 100 x 6 x No.2 | 8 | 110 x 34 | 203 | 85 |



Insulated Philips Screwdrivers

| Code No. | Cat No. | Blade size (mm) | Diameter of (mm) | Handle Size (mm) | Overall Length (mm) | Weight (gms) |
|----------|----------|-----------------|------------------|------------------|---------------------|--------------|
| 02010 | IT.PH1/3 | 75 x 5 x No.1 | 7 | 100 x 30 | 152 | 40 |
| 02020 | IT.PH2/4 | 100 x 6 x No.2 | 8 | 110 x 34 | 203 | 85 |
| 02030 | IT.PH3/6 | 150 x 8 x No.3 | 10 | 110 x 34 | 253 | 137 |



Insulated Slot/Phillips Screwdrivers

| Code No. | Cat No. | Blade size (mm) | Diameter of (mm) | Handle Size (mm) | Overall Length (mm) | Weight (gms) |
|----------|-----------|-----------------|------------------|------------------|---------------------|--------------|
| 02011 | IT.SPH1/3 | 75 x 5 x No.1 | 7 | 100 x 30 | 152 | 40 |
| 02021 | IT.SPH2/4 | 100 x 6 x No.2 | 8 | 110 x 34 | 203 | 85 |





Totally Insulated Nut Spinners (with 150mm Stud Clearance)

| Code No. | Cat. No. | Nut Size (mm) | Dia.of Ins. (mm) | Handle Size (mm) | Overall length (mm) | Weight (gms) |
|----------|-----------|---------------|------------------|------------------|---------------------|--------------|
| 02220 | IT/DRNS0 | 0BA | 17 | 110 x 34 | 214 | 125 |
| 02230 | IT/DRNS1 | 1BA | 17 | 110 x 34 | 214 | 125 |
| 02240 | IT/DRSN2 | 2BA | 13 | 110 x 34 | 214 | 102 |
| 02250 | IT/DRSN3 | 3BA | 13 | 110 x 34 | 214 | 100 |
| 02260 | IT/DRSN4 | 4BA | 17 | 110 x 34 | 214 | 125 |
| 02270 | IT/DRSN7 | 7mm | 17 | 110 x 34 | 214 | 125 |
| 02280 | IT/DRSN8 | 8mm | 17 | 110 x 34 | 214 | 125 |
| 02290 | IT/DRSN10 | 10mm | 17 | 110 x 34 | 214 | 125 |



Totally Insulated Nut Spinners (with 25mm Stud Clearance)

| Code No. | Cat. No. | Nut Size (mm) | Dia.of Ins. (mm) | Handle Size (mm) | Overall length (mm) | Weight (gms) |
|----------|----------|---------------|------------------|------------------|---------------------|--------------|
| 02300 | IT/NS4 | 4mm | 9 | 100 x 30 | 214 | 60 |
| 02310 | IT/NS5 | 5mm | 9 | 100 x 30 | 214 | 60 |
| 02320 | IT/NS6 | 6mm | 12 | 100 x 30 | 214 | 60 |
| 02330 | IT/NS7 | 6BA | 9 | 100 x 30 | 214 | 60 |
| 02340 | IT/NS8 | 8BA | 9 | 100 x 30 | 214 | 60 |
| 02341 | IT/NS13 | 13mm | 22 | 110 x 34 | 214 | 200 |



Totally Insulated Link Extractors (Male Thread, Screwdriver Type)

| Code No. | Cat. No. | Thread Form (mm) | Thread Length (mm) | Blade Size (mm) | Handles Size (mm) | Overall Length (mm) | Weight (gms) |
|----------|-------------|-----------------------------------|--------------------|-----------------|-------------------|---------------------|--------------|
| 02350 | IT.LES 1 | 3/16 Whit | 16 | 150 | 110 x 34 | 253 | 128 |
| 02360 | IT.LES 2 | 1/4 Whit | 16 | 150 | 110 x 34 | 253 | 130 |
| 02370 | IT.LES 3 | 5/16 Whit | 16 | 203 | 110 x 34 | 317 | 230 |
| 02380 | IT.LES 4 | 3/8 Whit | 16 | 203 | 110 x 34 | 317 | 232 |
| 02390 | IT.LES 5 | M8 | 16 | 203 | 110 x 34 | 317 | 226 |
| 02400 | IT.LES 6 | 3/16 Sq. End | 10 | 150 | 110 x 34 | 253 | 135 |
| 02510 | IT.LES 17 | 3/16 Sq. Acme form thread 3/8 O/D | 22 | 265 | 120 x 35 | 385 | 270 |
| 03130 | IT.LESM/M10 | M10 | 20 | 210 | 120 x 35 | 325 | 255 |
| 03131 | IT.LESM/M12 | M12 | 20 | 250 | 120 x 35 | 325 | 325 |

Insulated Tools for Live Line Working



Totally Insulated Link Extractors (Female Thread, Screwdriver Type)

| Code No. | Cat. No. | Thread Form (mm) | Thread Length (mm) | Blade Size (mm) | Handles Size (mm) | Overall Length (mm) | Weight (gms) |
|----------|-------------|------------------|--------------------|-----------------|-------------------|---------------------|--------------|
| 02410 | IT.LES 7 | 1/4 Whit | 16 | 203 | 120 x 35 | 357 | 135 |
| 02420 | IT.LES 8 | 5/16 Whit | 16 | 203 | 120 x 35 | 357 | 295 |
| 02430 | IT.LES 9 | 3/8 Whit | 16 | 203 | 120 x 35 | 357 | 315 |
| 02440 | IT.LES 10 | 1/2 Whit | 16 | 203 | 120 x 35 | 357 | 300 |
| 02450 | IT.LES 11 | M8 | 16 | 203 | 120 x 35 | 357 | 295 |
| 02460 | IT.LES 12 | 1/2 Whit L.Hand | 16 | 203 | 120 x 35 | 357 | 300 |
| 02470 | IT.LES 13 | 1/4 BSF | 16 | 203 | 120 x 35 | 357 | 135 |
| 02480 | IT.LES 14 | 5/16 BSF | 16 | 203 | 120 x 35 | 357 | 295 |
| 02490 | IT.LES 15 | 3/8 BSF | 16 | 203 | 120 x 35 | 357 | 315 |
| 02500 | IT.LES 16 | 1/2 BSF | 16 | 203 | 120 x 35 | 357 | 300 |
| 03132 | IT.LESF/M10 | M10 | 50 | 255 | 120 x 35 | 370 | 335 |
| 03133 | IT.LESF/M12 | M12 | 50 | 255 | 120 x 35 | 370 | 325 |



Totally Insulated Link Extractors (Male Thread, "T" Bar Type)

| Code No. | Cat. No. | Thread Form (mm) | Thread Length (mm) | "T" Bar Length (mm) | Overall Length(mm) | Weight (gms) |
|----------|----------|------------------|--------------------|---------------------|--------------------|--------------|
| 02520 | LET 1 | 3/8 Whit | 16 | 110 | 140 | 170 |
| 02530 | LET 2 | 1/2 Whit | 16 | 110 | 140 | 180 |
| 02540 | LET 3 | M8 | 16 | 110 | 140 | 180 |



Totally Insulated Link Extractors (Female Thread, "T" Bar Type)

| Code No. | Cat. No. | Thread Form (mm) | Thread Length (mm) | "T" Bar Length (mm) | Overall Length(mm) | Weight (gms) |
|----------|----------|------------------|--------------------|---------------------|--------------------|--------------|
| 02550 | LET 4 | 3/8 Whit | 16 | 110 | 140 | 170 |
| 02560 | LET 5 | 1/2 Whit | 16 | 110 | 140 | 180 |
| 02570 | LET 6 | 1/2 BSF | 16 | 110 | 140 | 180 |
| 02580 | LET 7 | 1/2 Whit L.Hand | 16 | 110 | 140 | 220 |



Totally Insulated Hexagon Keys (Screwdriver Type)

| Code No. | Cat. No. | Key Size (mm) | Key Length (mm) | Blade length (mm) | Handle Size (mm) | Overall Length (mm) | Weight (gms) |
|----------|----------|---------------|-----------------|-------------------|------------------|---------------------|--------------|
| 02590 | AKS 1 | 3mm | 10 | 160 | 110 x 34 | 263 | 142 |
| 02600 | AKS 2 | 4mm | 10 | 160 | 110 x 34 | 263 | 142 |
| 02610 | AKS 3 | 5mm | 10 | 160 | 110 x 34 | 263 | 142 |
| 02620 | AKS 4 | 6mm | 10 | 213 | 110 x 34 | 327 | 265 |
| 02630 | AKS 5 | 1/8 A/F | 10 | 160 | 110 x 34 | 263 | 140 |
| 02640 | AKS 6 | 5/32 A/F | 10 | 160 | 110 x 34 | 263 | 142 |
| 02650 | AKS 7 | 3/16 A/F | 10 | 160 | 110 x 34 | 263 | 142 |
| 02660 | AKS 8 | 1/4 A/F | 10 | 213 | 110 x 34 | 327 | 265 |





Totally Insulated Hexagon Keys ("T" Bar Type)

| Code No. | Cat. No. | Key Size | Key Length (mm) | "T" Bar Length (mm) | Overall Length (mm) | Weight (gms) |
|----------|----------|----------|-----------------|---------------------|---------------------|--------------|
| 02670 | AKT 1 | 3mm | 10 | 90 | 160 | 176 |
| 02680 | AKT 2 | 4mm | 10 | 90 | 160 | 178 |
| 02690 | AKT 3 | 5mm | 10 | 90 | 160 | 180 |
| 02700 | AKT 4 | 6mm | 10 | 90 | 160 | 180 |
| 02710 | AKT 5 | 1/8 A/F | 10 | 90 | 160 | 176 |
| 02720 | AKT 6 | 5/32 A/F | 10 | 90 | 160 | 180 |
| 02730 | AKT 7 | 3/16 A/F | 10 | 90 | 160 | 180 |
| 02735 | AKT 7S | 3/16 A/F | 14 | 90 | 120 | 136 |
| 02740 | AKT 8 | 1/4 A/F | 22 | 100 | 210 | 155 |
| 02761 | AKT10 | 10mm | 13 | 110 | 170 | 300 |



Totally Insulated Long Hexagon Keys ("T" Bar Type)

| Code No. | Cat. No. | Key Size | Key Length (mm) | "T" Bar Length (mm) | Overall Length (mm) | Weight (gms) |
|----------|--------------|----------|-----------------|---------------------|---------------------|--------------|
| 02631 | IT.AKT/P4 | 4mm | 20 | 90 | 175 | 36 |
| 02732 | IT.AKT/P3/16 | 3/16 | 8 | 90 | 175 | 47 |



Totally Insulated Hexagon Keys ("T" Bar Type)

| Code No. | Cat. No. | Key Size (mm) | Key Length (mm) | "T" Bar Length (mm) | Overall Length (mm) | Weight (gms) |
|----------|----------|---------------|-----------------|---------------------|---------------------|--------------|
| 02760 | AKT/P3 | 3mm | 20 | 70 | 140 | 75 |



Totally Insulated Hexagon Keys ("L" Shaped)

| Code No. | Cat. No. | Key Size (mm) | Key Length (mm) | Overall Length (mm) | Weight (gms) |
|----------|----------|---------------|-----------------|---------------------|--------------|
| 03140 | IT.AKL/2 | 4mm | 7 | 145 | 75 |



Totally Insulated Hexagon Keys (Cooker Knob Type)

| Code No. | Cat. No. | Key Size (mm) | Key Length (mm) | Handle Width (mm) | Overall Length (mm) | Weight (gms) |
|----------|----------|---------------|-----------------|-------------------|---------------------|--------------|
| 02751 | AKT/C2 | 2mm | 15 | 35 | 90 | 15 |
| 02750 | AKT/C3 | 3mm | 15 | 35 | 90 | 15 |

Insulated Tools for Live Line Working

Totally Insulated Hexagon Box Spanners (with Fixed "T" Bars)

| Code No. | Cat. No. | Size | "T" Bar Length (mm) | Overall Length (mm) | Weight (gms) |
|----------|----------|-----------|---------------------|---------------------|--------------|
| 02770 | TBS 1 | 0BA | 110 | 160 | 260 |
| 02780 | TBS 2 | 2 BA | 90 | 145 | 170 |
| 02790 | TBS 3 | 3 BA | 90 | 145 | 170 |
| 02800 | TBS 4 | 3/16 Whit | 110 | 160 | 250 |
| 02810 | TBS 5 | 1/4 Whit | 105 | 155 | 225 |
| 02820 | TBS 6 | 8mm | 90 | 145 | 165 |
| 02830 | TBS 7 | 10mm | 90 | 145 | 262 |
| 02840 | TBS 8 | 13mm | 105 | 155 | 225 |
| 02850 | TBS 9 | 17mm | 160 | 130 | 365 |
| 02860 | TBS 10 | 5/8 A/F | 160 | 130 | 365 |
| 02870 | TBS 11 | 11/16 A/F | 160 | 130 | 385 |
| 02880 | TBS 12 | 3/8 A/F | 90 | 145 | 170 |
| 02890 | TBS 13 | 19mm | 160 | 130 | 370 |

Jointers Ladles (Double Lipped)

| Code No. | Cat. No. | Bowl Size (mm) | Bowl Size (inch) | Overall Length (mm) | Overall Length (inch) | Weight (gms) |
|----------|----------|----------------|------------------|---------------------|-----------------------|--------------|
| 02900 | IT.JL/3 | 75 | 3 | 310 | 12 1/4 | 430 |
| 02910 | IT.JL/4 | 100 | 4 | 340 | 13 1/2 | 505 |
| 02920 | IT.JL/5 | 125 | 5 | 360 | 14 1/4 | 660 |
| 02930 | IT.JL/6 | 150 | 6 | 385 | 15 1/4 | 860 |

Core Bending Bars (for use on Sectoral Cores in Consac Cables)

| Code No. | Cat. No. | Core Size (sq. mm) | Overall Length (mm) | Overall Length (inch) | Weight (gms) |
|----------|-----------|--------------------|---------------------|-----------------------|--------------|
| 02940 | IT.BB/70 | 70 | 180 | 7 | 222 |
| 02950 | IT.BB/95 | 95 | 180 | 7 | 225 |
| 02960 | IT.BB/120 | 120 | 185 | 7 1/4 | 227 |
| 02970 | IT.BB/185 | 185 | 190 | 7 1/2 | 235 |
| 02980 | IT.BB/240 | 240 | 190 | 7 1/2 | 243 |
| 02990 | IT.BB/300 | 300 | 195 | 7 3/4 | 252 |

Core Bending Bars External (for over the Insulation Sheath)

| Code No. | Cat. No. | Core Size (sq. mm) | Overall Length (mm) | Overall Length (inch) | Weight (gms) |
|----------|-------------|--------------------|---------------------|-----------------------|--------------|
| 02940X | IT.BB/70EX | 70 | 180 | 7 | 222 |
| 02960X | IT.BB/120EX | 120 | 185 | 7.1/4 | 227 |
| 02970X | IT.BB/185EX | 185 | 190 | 7.1/2 | 235 |
| 02990X | IT.BB/300EX | 300 | 195 | 7.3/4 | 252 |



Sheath Lifting Tool - Hooked Shaped (All NYLON for Comsac Cables)

| Code No. | Cat. No. | Overall Length (mm) | Overall Length (inch) | Weight (gms) |
|----------|----------|---------------------|-----------------------|--------------|
| 03108 | IT.SFT | 200 | 8 | 60 |

Holding Tools (Fixed)

| Code No. | Cat. No. | Opening (mm) | Length (mm) | Length (inch) | Weight (gms) |
|----------|-----------|--------------|-------------|---------------|--------------|
| 03117 | IT.HT/95 | 95mm | 255 | 10 | 160 |
| 09118 | IT.HT/120 | 120mm | 255 | 10 | 160 |
| 03119 | IT.HT/185 | 185mm | 265 | 10 1/2 | 175 |
| 03120 | IT.HT/300 | 300mm | 280 | 11 | 185 |

Universal Holding Tool (Adjustable)

| Code No. | Cat.No. | Max. Opening (mm) | Max. Opening (inch) | Overall Length (mm) | Overall Length (inch) | Weight (gms) |
|----------|---------|-------------------|---------------------|---------------------|-----------------------|--------------|
| 03116 | IT.UHT | 50 | 2 | 350 | 13 3/4 | 1000 |

Holding Tool (for Wave Form Connectors)

| Code No. | Cat. No. | Opening (mm) | Length (mm) | Length (inch) | Weight (gms) |
|----------|----------|--------------|-------------|---------------|--------------|
| 03122 | IT.HT/WF | 29 x 16 | 175 | 7 | 50 |

Shroud (for 440 volts)

| Code. No. | Cat. No. | Shield Area (mm) | Length (mm) | Weight (gms) |
|-----------|----------|------------------|-------------|--------------|
| 03090 | IT.S400 | 60 x 40 | 85 | 30 |

Universal Shroud (for Domestic Cut-Outs)

| Code. No. | Cat. No. | Shield Area (mm) | Length (mm) | Weight (gms) |
|-----------|----------|------------------|-------------|--------------|
| 03080 | IT.S7U | 32 x 32 | 50 | 10 |

Non-Universal Shroud (for Domestic Cut-Outs)

| Code. No. | Cat. No. | Shield Area (mm) | Length (mm) | Weight (gms) |
|-----------|----------|------------------|-------------|--------------|
| 03081 | IT.S7NU | 30 x 25 | 60 | 10 |

Wedge

| Code No. | Cat. No. | Length (mm) | Length (inch) | Weight (gms) |
|----------|----------|-------------|---------------|--------------|
| 03070 | IT.W/1 | 250 | 10 | 110 |

Insulated Tools for Live Line Working



Hybrid Neutral Wedge

| Code No. | Cat. No. | Length (mm) | Length (inch) | Weight (gms) |
|----------|----------|-------------|---------------|--------------|
| 03075 | IT.W/2 | 130 | 5 1/4 | 20 |



Cable Jointers Umbrella (Fibreglass Frame & Ground Spike)

| Code No. | Cat. No. | Diameter Opened (mm) | Length Folded (mm) | Length Folded (inch) | Weight (gms) |
|----------|----------|----------------------|--------------------|----------------------|--------------|
| 03193 | IT/UM | 2160 | 1400 | 55 | 2800 |

Guy Rope Set (for Jointers Umbrella)

| Code No. | Cat. No. | Description | Weight (gms) |
|----------|----------|--|--------------|
| 03194 | IT.GR | 5 Metres of 5mm Nylon Rope and 2 Plastic Ground Pegs | 65 |



Knockout Tool

| Code No. | Cat. No. | Overall Length (mm) | Overall Length (inch) | Handle Size (mm) | Weight (gms) |
|----------|----------|---------------------|-----------------------|------------------|--------------|
| 03101 | IT.CTS/1 | 215 | 8 1/4 | 114 x 32 | 135 |



Plug Removal Tool

| Code No. | Cat. No. | Overall Length (mm) | Overall Length (inch) | Pin Size (mm) | Weight (gms) |
|----------|----------|---------------------|-----------------------|---------------|--------------|
| 03102 | IT/PRT | 10 | 4 | 3 | 15 |



Fuse Carriers/Pullers (for removing Fuses from Underground Link Boxes)

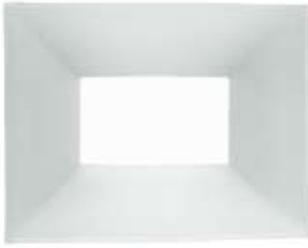
| Code No. | Cat. No. | Max. Opening (mm) | Overall Length (mm) | Overall Length (inch) | Weight (gms) |
|----------|----------|-------------------|---------------------|-----------------------|--------------|
| 03106 | IT.FCE | 50 | 215 | 8 1/2 | 210 |



Cut-Out Tees (for use on BICC Cut Outs)

| Code No. | Cat. No. | Diameter (mm) | Overall Length (mm) | Overall Length (inch) | Weight (gms) |
|----------|----------|---------------|---------------------|-----------------------|--------------|
| 03093 | IT.COT | 5 | 70 | 2 3/4 | 5 |





Phase "B" Scott Barriers (for use on Underground Link Boxes)

| Code No. | Cat. No. | Overall Dimensions (mm) | Overall Dimensions (inch) | Weight (gms) |
|----------|----------|-------------------------|---------------------------|--------------|
| 03152 | IT.SB | 175 x 135 | 7 x 5 1/2 | 55 |



Paint/Dusting Brushes

| Code No. | Cat. No. | Size (mm) | Overall Length (mm) | Overall Length (inch) | Weight (gms) |
|----------|----------|-----------|---------------------|-----------------------|--------------|
| 03105A | IT.PB/40 | 40 | 230 | 9 | 96 |
| 03105B | IT.PB/50 | 50 | 230 | 9 | 104 |
| 03105C | IT.PB/75 | 75 | 250 | 10 | 112 |



Police Probes (Mark 1)

| Code No. | Cat. No. | Overall Length (mm) | Overall Length (inch) | "T" Handle (mm) | "T" Handle (inch) | Weight (gms) |
|----------|----------|---------------------|-----------------------|-----------------|-------------------|--------------|
| 03150 | IT.PP/1 | 1020 | 40 | 250 | 10 | 1500 |

Police Probes (Mark 2 with Side Handle and Shoulder Strap)

| Code No. | Cat. No. | Overall Length (mm) | Overall Length (inch) | "T" Handle (mm) | "T" Handle (inch) | Weight (gms) |
|----------|----------|---------------------|-----------------------|-----------------|-------------------|--------------|
| 03151 | IT.PP/2 | 1450 | 57 | 250 | 10 | 2400 |



Tool Rolls (8 Pockets and 12 Pockets)

| Code No. | Cat. No. | Dimensions (mm) | Dimensions (inch) | Weight (gms) |
|----------|----------|-----------------|-------------------|--------------|
| 03190 | IT.TR/8 | 400 x 330 | 16 x 13 | 225 |
| 03191 | IT.TR/12 | 530 x 330 | 21 x 13 | 285 |



Electricians Tool Case (Orange)

| Code No. | Cat. No. | Dimensions (mm) | Dimensions (inch) | Weight (kilos) |
|----------|----------|-----------------|-------------------|----------------|
| 03200 | IT/TC | 480 x 360 x 150 | 19 x 14 x 6 | 3 |



Cable Jointers Holdall (Orange) with attached Ground Sheet

| Code No. | Cat. No. | Dimensions (mm) | Dimensions (inch) | Weight (gms) |
|----------|----------|-----------------|-------------------|--------------|
| 03199 | IT.HA | 520 x 200 x 200 | 21.5 x 8 x 8 | 1000 |

Insulated Tools for Live Line Working



Electricians Gloves & Gauntlets (to BS EN 60903)

| Class | Tested volts. | Working volts. | Gauntlet Length | Code - Size | Code - Size | Code - Size | Code - Size | Weight (gms) |
|-------|---------------|----------------|-----------------|-------------|-------------|-------------|-------------|--------------|
| 00 | 2.5KV | 500 | 27cm | 05096 - 8 | 05097 - 9 | 05098 - 10 | 05099 - 11 | 135 |
| 00 | 2.5 KV | 500 | 36cm | 05100 - 8 | 05101 - 9 | 05102 - 10 | 05103 - 11 | 135 |
| 0 | 5 KV | 1000 | 27cm | 05104 - 8 | 05105 - 9 | 05106 - 10 | 05107 - 11 | 220 |
| 0 | 5 KV | 1000 | 36cm | 05108 - 8 | 05109 - 9 | 05110 - 10 | 05111 - 11 | 220 |
| 0 | 5 KV | 1000 | 41cm | 05112 - 8 | 05113 - 9 | 05114 - 10 | 05115 - 11 | 220 |

(Note: Air Leakage Test & Visual Inspection Advised. RETEST not required)

| | | | | | | | | |
|---|-------|-------|------|-----------|-----------|------------|------------|-----|
| 1 | 10 KV | 7500 | 36cm | 05116 - 8 | 05117 - 9 | 05118 - 10 | 05119 - 11 | 350 |
| 1 | 10 KV | 7500 | 41cm | 05120 - 8 | 05121 - 9 | 05122 - 10 | 05123 - 11 | 350 |
| 2 | 20 KV | 17000 | 36cm | 05124 - 8 | 05125 - 9 | 05126 - 10 | 05127 - 11 | 540 |
| 2 | 20 KV | 17000 | 41cm | 05128 - 8 | 05129 - 9 | 05130 - 10 | 05131 - 11 | 540 |
| 3 | 30 KV | 26500 | 36cm | 05132 - 8 | 05133 - 9 | 05134 - 10 | 05135 - 11 | 580 |
| 3 | 30 KV | 26500 | 41cm | 05136 - 8 | 05137 - 9 | 05138 - 10 | 05139 - 11 | 580 |

(RETEST required within a maximum period of 6 months from previous test date)



Cotton Inner Gloves

| Code No. | Size |
|----------|----------|
| 05149 | One Size |



Leather Over Gloves

| Code No. | Size | Weight (gms) |
|----------|------|--------------|
| 05150 | 9 | 175 |
| 05151 | 10 | 175 |



P.V.C. Protective Container

| Code No. | Cat. No. | Dimension (mm) | Dimension (inch) | Weight (gms) |
|----------|----------|----------------|------------------|--------------|
| 05147 | | 460 x 200 | 19 x 8 | 175 |



Switchboard Matting

(Fine Fluted Surface, tested to 15,000 volts. Working Voltage 650 Volts) BS 921/1976

| Code No. | Cat. No. | Width | Thickness | Max. Length | Wt. Per Metre |
|----------|----------|---------|-----------|-------------|---------------|
| 05145 | | 1 Metre | 9.5mm | 5 metre | 13Kg |

TERMS AND CONDITIONS OF BUSINESS

1. TERMS AND CONDITIONS

All goods are sold subject to these Terms and Conditions which shall prevail over all other terms and conditions (including any terms or conditions which the customer purports to apply under any purchase order, confirmation of order, specification or other documents).

2. CONTRACT

A customer's order constitutes an offer, and our written confirmation of the order is deemed to be an acceptance of that offer. The resulting Contract is subject to these Terms and Conditions of Business. For orders placed by Consumers over the Internet, we will send a written confirmation of the order. Consumers are defined in paragraph 16. The Consumer then has a 7-day cooling off period in which to cancel the order before the Contract takes effect. In relation to orders submitted by email, we may send an automatic acknowledgement of receipt of the order – if so this does not constitute acceptance, which will be confirmed separately.

3. PRICE

Unless otherwise agreed by us in writing the price for the goods shall be the price set out in the price list published on the date of delivery or deemed delivery. For deliveries to customers in the United Kingdom, the price for the goods shall be exclusive of any value added tax, which shall be added upon invoice, and inclusive of all costs or charges in relation to carriage and insurance. For deliveries to customers outside the United Kingdom the price will be exclusive of those aforementioned costs.

4. PROPERTY

Property in goods shall not pass to the customer until the whole of the purchase price has been paid. Notwithstanding this, a customer may re-sell goods at full market value as a principal on condition that so long as any part of the purchase price remains due to us, the customer shall account to us for the proceeds of such re-sale to the extent of the amount outstanding and shall hold such proceeds as a trustee. Until property has passed to the customer, he must store the goods (at no cost to us) separately from all other goods of the customer in such a way as they remain readily identifiable as our property, and shall not charge or grant any other such interest over the goods. We shall be entitled to recover payment for the goods notwithstanding that ownership of any goods has not passed from us. The customer's right to possession terminates immediately if he enters administration, administrative receivership, receivership, liquidation, bankruptcy, a creditors or members arrangement or other event of insolvency, or any similar or analogous event in any jurisdiction. The customer grants us, our agents and employees an irrevocable licence at any time to enter any premises where the goods are or may be stored in order to inspect them, or, where the customer's right to possession has terminated, to recover them.

5. RISK

Risk shall not pass at the same time as Property in the goods but shall pass at the time of delivery.

6. SPECIFICATION

We reserve the right to alter without prior notice the specification of any goods listed in the catalogue.

7. SPECIALS

Where any goods are made by us to a customer's design the customer must indemnify us against all claims, damages, costs and liability for breach of any other person's rights.

8. PART DELIVERIES

We reserve the right to make part deliveries against any order and to invoice all such part deliveries at the time of despatch. Such invoices will be payable notwithstanding that the balance of the order has still to be delivered.

9. DELIVERY

Delivery of all orders will be made as early as practicable or as close as practicable to customers' specific requirements. Notwithstanding any delay, however, orders will remain valid and binding.

10. DEEMED DELIVERY

If for any reason the customer will not accept delivery of any goods when they are ready for delivery, or we are unable to deliver the goods on time because the customer has not provided appropriate instructions, documents, licences or authorisations then the goods will be deemed to have been delivered and we may store the goods until delivery whereupon the customer will be liable for all related costs and expenses (including without limitation storage and insurance).

11. DELIVERY SHORTAGES AND DAMAGED PARCELS

Shortages of Delivery must be notified in writing to us within 7 days of receipt of goods, and damaged parcels must be signed for to this effect on the delivery sheet, otherwise claims may not be considered.

12. NON-DELIVERY

The quantity of any consignment of goods as recorded by us upon despatch from our place of business shall be conclusive evidence of the quantity received by the customer on delivery unless the customer can provide conclusive evidence to the contrary. We shall not be liable for any non-delivery of goods (even if caused by our negligence) unless written notice is given to us within 14 days of the date when the goods would in the ordinary course of events have been received.

13. PAYMENT TERMS

(1) For approved credit account holders only, by net monthly account. An invoice shall be dispatched upon or after each delivery. A statement of the account shall be sent to the customer on or around the last day of the calendar month. Payment for the goods is due no later than the last day of the following calendar month. This payment shall become due notwithstanding the fact that a customer may not have received a statement. This payment shall be made without any deduction by way of set-off, counterclaim, discount, abatement or otherwise. Time for payment shall be of the essence. No payment shall be deemed to have been received until we have received cleared funds. We reserve the right to alter or revoke credit provided to the customer at any time.

(2) For non-credit account holders, including orders placed via the Internet, payments to us shall be made in advance of delivery and shall be made in Pounds Sterling.

14. LATE PAYMENT

We reserve the right to claim interest under the Late Payment of Commercial Debts (Interest) Act 1998. In the event of late payment, we will, from the date payment is due, be entitled to charge interest on the sum due on a daily basis at the annual rate of 4% above the Bank of England base lending rate, suspend all deliveries and/or terminate any orders without prejudice to any other rights we have under these Terms and Conditions or by law.

15. CANCELLATION

Other than as allowed in clause 2, cancellation of any order or part of an order will be accepted only with our prior consent.

16. CONSUMER

Any reference in these Terms and Conditions to a Consumer means any individual who is acting for purposes which are outside his or her trade, business or profession. Nothing in these Terms and Conditions affects a Consumer's statutory rights. The Distance Selling Regulations 2000 apply to all Consumers purchasing via our website.

17. RETURN OF GOODS

Other than as allowed in clause 2, goods may only be returned with our written consent. On such return they will be credited at the invoiced price. Consent will not be given to return goods made specially to order.

18. GUARANTEE

We warrant that our goods conform in all material respects to the details in the current brochure and/or on our website. All goods conform to International Standard IEC 60900:2004 and are suitable for working with voltages of up to 1,000 volts unless indicated otherwise. Any article claimed to be defective at the time of delivery will be repaired or replaced free of charge if, when returned to us carriage paid, examination confirms such defect.

19. LIABILITY

All warranties express or implied, conditions undertakings or representations, however imposed, are hereby expressly excluded other than those expressed in these Terms and Conditions.

We will not be responsible for indirect or consequential loss, damages or any other liability, howsoever arising including through negligence.

We will not be liable for any failure or partial failure of the goods supplied if the customer fails to use the goods in accordance with recognised health and safety procedures and practices pertaining to work with electrical equipment, or uses them outside their normal scope of use. It is the responsibility of the customer (including consumers) and user of these goods to ensure that he or she is fully trained in the procedures necessary and under no circumstances should work on live cables be carried out unless the user is qualified to do so. Nothing in these Terms and Conditions restricts liability for death or personal injury caused by our negligence.

Our total liability in contract, tort (including negligence or breach of statutory duty), misrepresentation or otherwise, arising in connection with the performance of this contract shall be limited to the price of the goods giving rise to the liability.

20. LEGAL CONSTRUCTION

These Terms and Conditions shall be construed according to the Law of England, and all sales subject to them shall be deemed to have been made in England.

Insulated Tools for Live Line Working

Insulated Tools for Live Line Working



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