▼ Solder

## Resin Core Solder


All resin core. 60% tin, 40% lead. We recommend this solder for use with soldering irons using iron clad, chrome plated tips. Available in 200g or 1kg rolls, or a handy 3m tube for use in the field.

| Price Each | | RRP | 4+ | 10+ |
|---|---|---|---|---|
| T 1090 | 0.5mm 200g roll | 15.50 | 14.75 | 13.75 |
| T 1100 | 0.8mm 200g roll | 14.50 | 13.50 | 12.80 |
| T 1105 | 0.8mm 1kg roll | 69.50 | 65.95 | 61.50 |
| T 1110 | 1mm 200g roll | 14.50 | 13.50 | 12.80 |
| T 1115 | 1mm 1kg roll | 68.50 | 65.00 | 62.25 |
| T 1122 | 1.6mm 200g roll | 14.50 | 13.50 | 12.80 |
| T 1123 | 1.6mm 1kg roll | 68.50 | 65.00 | 62.25 |
| T 1120 | 1mm Tube ≈3m | 2.35 | 2.25 | 2.15 |

## Resin Core Lead Free Solder


Lead free. Complies with European RoHS. 99.3% tin, 0.7% copper. Melting point 227°C. We recommend this solder for use with our lead free soldering stations. Available in 250g or 1kg rolls.

| Price Each | | RRP | 4+ | 10+ |
|---|---|---|---|---|
| T 1075 | 0.5mm 250g roll | 29.50 | 27.95 | 26.65 |
| T 1078 | 0.8mm 250g roll | 28.50 | 26.70 | 25.50 |
| T 1079 | 0.8mm 1kg roll | 112.00 | 107.00 | 102.00 |
| T 1080 | 1mm 250g roll | 28.50 | 26.70 | 25.50 |
| T 1081 | 1mm 1kg roll | 115.00 | 110.00 | 102.00 |
| T 1084 | 1.5mm 250g roll | 28.50 | 27.25 | 25.25 |

▼ Soldering Accessories

## Chemtools® Tip Tinner


Keep your soldering iron tip clean and freshly tinned! Ideal for servicing and production use. High strength model is used when soldering tip plating has oxidised and the whole tip has turned black, making the tip unusable. Will help bring your tip back to life!

| Price Each | RRP | 4+ | 10+ |
|---|---|---|---|
| T 1328 | 23.55 | 22.40 | 20.90 |

## Soldering Iron Stand

Heavy duty cast iron base with sturdy spring stand. A safe way to stow your iron on your workbench, reducing the chance of accidental burns. Suits most handheld soldering irons. Supplied with tip cleaning sponge.

| Price Each | | RRP | 4+ | 10+ |
|---|---|---|---|---|
| T 1310A | | 16.00 | 14.50 | 13.00 |
| T 1320 | Spare sponge | 2.65 | 2.35 | 2.10 |

## Soldering Iron Tip Cleaner

Easy to use dry soldering iron tip cleaner. Keeps your tip clean and tidy without mess. Includes in built iron stand. Suits RoHS soldering.

| Price Each | RRP | 4+ | 10+ |
|---|---|---|---|
| T 1330 | 11.75 | 10.75 | 9.95 |
| T 1332 Spare cleaner | 5.50 | 4.95 | 4.55 |

## Solder Roll Holder

Keep your solder within easy reach! Accepts up to 1kg rolls of solder. Can be mounted on a wall or bench. Solder not included.

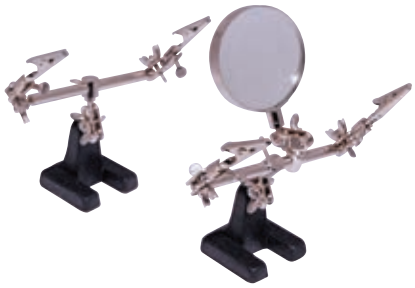
| Price Each | RRP | 4+ | 10+ |
|---|---|---|---|
| T 1300 | 16.95 | 15.85 | 14.90 |

## Solder Roll & Iron Holder

Keep your solder within easy reach! Accepts up to 1kg rolls of solder. Can be mounted to a bench. Includes iron stand and soldering sponge. Solder not included.

| Price Each | RRP | 4+ | 10+ |
|---|---|---|---|
| T 1306 Iron stand & sponge | 24.95 | 22.95 | 19.00 |

## PCB Stands



Complete with dual clamps to hold PCBs, wire etc in place. T 1460A features a magnifying glass to assist in component identification and PCB inspection. Clips move 360° allowing great flexibility for holding different items including PCBs, connectors, cable ends etc.

| Price Each | | RRP | 4+ | 10+ |
|---|---|---|---|---|
| T 1450A | | 10.95 | 9.50 | 8.50 |
| T 1460A | With magnifier | 17.75 | 15.95 | 14.25 |

## Adjustable PCB Holder Stand

A must have for every technicians work bench, this handy rotating PCB holder suits boards up to 200x140mm in size. Features spring loaded clamps to keep the board secure, and sliding arms for quick adjustment. Heavy base and rubber feet ensure a solid working surface at all times.

| Price Each | RRP | 2+ | 4+ |
|---|---|---|---|
| T 2356 | 19.95 | 17.95 | 15.95 |

## Simple Guide To Soldering

The single most common cause of circuit failure is bad solder joints.

A solder joint can at first glance look to be okay, but under close examination it could turn out to be a 'dry joint'. A dry joint is when either the circuit board or the leg of the component has not been properly heated to allow the solder to flow between the surfaces freely. This creates an intermittent or no electrical connection. This can also be caused by a lack of flux, which is impregnated in the solder, or if you reuse old solder. Quite often, reheating a bad join will cure the problem but in a lot of cases, the old solder will need to be removed and some new solder applied.

**Bad Solder Joint:** The solder has not taken to the PCB and the leg has formed a ball of solder on it. Cause: Not enough heat to PCB track.

**Bad Solder Joint:** Solder has flowed over PCB but the leg of the component remains un-soldered. Cause: Not enough heat to the components leg.

**Good Solder Joint:** The solder has flowed over PCB and Component leg.