

## **Mini Solderless Prototype Breadboard 170 Tie-Points**



A modern solderless breadboard consists of a perforated block of plastic with numerous tin plated phosphor bronze or nickel silver alloy spring clips under the perforations. The clips are often called tie points or contact points. The number of tie points is often given in the specification of the breadboard.

The spacing between the clips (lead pitch) is typically 0.1" (2.54 mm). Integrated circuits (ICs) in dual in-line packages (DIPs) can be inserted to straddle the centerline of the block. Interconnecting wires and the leads of discrete components (such as capacitors, resistors, and inductors) can be inserted into the remaining free holes to complete the circuit. Where ICs are not used, discrete components and connecting wires may use any of the holes. Typically the spring clips are rated for 1 ampere at 5 volts and 0.333 amperes at 15 volts (5 watts).

These mini breadboards make it easy to try out things hooked up to a arduino mainboard by using wire jumpers. The boards have a self-adhesive backing and 2 x 17 rows of interconnected pins (5 per row) – 170 pins in total. The dimension of this mini breadboards is 45 x 35 x 9 mm.

### **Specifixcations:**

- 170 tie point breadboard - White
- 17 x 5 x 2 points
- ABS plastic material
- Completely reusable

**Features:**

- Coordinates for easy component placement
- Phosphor bronze nickel plated spring clips
- Accepts a variety of wire sizes (20-29 AWG)
- Dimensions: 45mm x 34.5mm x 9.5mm
- Comes in pair

NOTE: The pictures shown above are just for representational purpose and the color may vary depending on the stock available.