

## Features

- Our Copper Flat Bar improves reliability and capacitance along with better thermal characteristics.
- The Flat Bar is long-lasting material with maintenance-free.
- The metal is corrosion resistance.
- The Copper Flat Bar formed as a sheet is relatively easy to join or install.
- The metal is antimicrobial and biofouling resistant.
- Our Flat Bar are molecularly bonded by 99.9% of pure Copper showing significant conductivity Copper bonding.
- The material is 100% recyclable keeping all original features in place.
- The Copper Flat Bar is easy to cut and has its position in all industries.

## RS PRO Copper Flat Bar, 15mm W, 3mm H, 1m L

RS Stock No.: 684-305



RS Professionally Approved Products bring to you professional quality parts across all product categories. Our product range has been tested by engineers and provides a comparable quality to the leading brands without paying a premium price.

## Product Description

### RS PRO Copper Flat Bar 1000 mm x 15 mm x 3 mm

*Copper is probably the oldest metal used by humankind and does not require any additional extraction supporting many industries. From wiring, circuit board, fasteners, plumbing pipes and fittings to day-to-day devices like radiators, mirror Copper Plate and much more. They come in different sizes and shapes to support a variety of projects - BIG and small.*

*Today, we are proudly introducing our own branded RS PRO Copper Flat Bar, which is easy to cut using hand or machine tools and flame cutting methods, such as flux-cored arc welding, soldering or brazing. The rectangular form of the Copper flat bar with a length of 1000 mm provides high reliability. It improves capacitance and along with high corrosion resistance, makes this natural material an excellent raw material for manufacturers and DIY enthusiasts.*

*The oxygen-free Copper Wire bar finds its place in building applications whereas antimicrobial, and biofouling resistance properties make the bar an ideal for use in the brewing vessels. The material is 100% recyclable, and their uniqueness stays the same for both physical and chemical properties without any harm for the Planet.*

### Applications

*Coppers natural properties are widely used to make our lives comfortable and safe. Typical applications or places where the Copper Rod might be found are:*

*To make a workshop table cover*

- *Mirror copper plate*
- *In the motors industry*
- *Circuit Board*
- *Wiring*
- *Building projects (roofing or eye-catching architectural features)*
- *To make different sizes of high-quality saucepans*
- *Heat Exchangers*
- *Radiators*
- *Fasteners*
- *Transmitters*
- *Plumbing pipes and fittings*
- *Gas plants*
- *Construction and use of brewing vessels*

## General Specifications

Form	Flat Bar
Material	Copper
Length	1m
Width	15mm
Height	3mm
Tensile Strength	240 N/mm <sup>2</sup>
Hardness	40 to 120 HV

## Chemical Analysis

Copper	99.90
Lead	0.005
Bismuth	0.001

## Approvals

Standards Met	BS2874/C101(1986); BS EN 12164 CW 004A
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## Similar Products

Stock No.	Brand	Product Name	Length	Form	Width	Height	Form
684-311	RS PRO	RS PRO Copper Flat Bar, 20mm W, 3mm H, 1m L	1m	Flat Bar	20mm	3mm	Flat Bar
684-305	RS PRO	RS PRO Copper Flat Bar, 15mm W, 3mm H, 1m L	1m	Flat Bar	15mm	3mm	Flat Bar
684-327	RS PRO	RS PRO Copper Flat Bar 3mm Diameter, 25mm W, 3mm H, 1m L	1m	Flat Bar	25mm	3mm	Flat Bar
684-383	RS PRO	RS PRO Copper Flat Bar, 25mm W, 10mm H, 1m L	1m	Flat Bar	25mm	10mm	Flat Bar
684-377	RS PRO	RS PRO Copper Flat Bar, 20mm W, 10mm H, 1m L	1m	Flat Bar	20mm	10mm	Flat Bar
684-349	RS PRO	RS PRO Copper Flat Bar, 20mm W, 6mm H, 1m L	1m	Flat Bar	20mm	6mm	Flat Bar
684-333	RS PRO	RS PRO Copper Flat Bar, 15mm W, 6mm H, 1m L	1m	Flat Bar	15mm	6mm	Flat Bar