

# Datum Frames

## Datasheet



### Overview

We now hold stocks of high quality aluminium frames for solder paste printing. These are available mounted with our stainless steel foils or pre-meshed without foil. We offer a consistent product that has been through rigorous internal and external testing and is proven in the market.

### Foils available\*

- Datum Laser PhD
- Datum FG

### Inspection

Incoming frames and foils are inspected to ensure they meet with our internal specifications. All frames with mesh and frames with mesh and steel are inspected after assembly, prior to despatch.

### Foil specifications

\* see individual product sheets for further information on foil properties

### Frame specifications

Aluminium grade	Alloy of 6061 and 6063
Wall thickness	2mm
Flatness tolerance	±1mm
Finish	Polished exterior surfaces
Bonding	Araldite 2014 grey epoxy on all bonds
Sizes available	29" x 29", 23" x 23", 650mm x 550mm Space savers and other sizes available on request
Sizes tolerance	±1mm

### Mesh specification

Mesh	24T/140/60#
Tension	30 ±2 N
Thread count	24/cm, 60inch
Thread diameter	140µm
Open area	41%
Mesh thickness	300µm