

# Datum LED Frames

## Pre-Meshed LED Stencil Frames

### Overview

We hold stock 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 PhD
- Datum FG

### Inspection

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

### Foil Specification

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

### Frame Specification

Aluminium grade	Alloy of 6061 and 6063
Wall thickness	Dependant on size (to minimise bowing of frame)
Finish	Polished exterior surfaces
Bonding	Araldite 2014 grey epoxy on foil to mesh bond
Sizes available	1800 x 736, 980 x 736, other sizes available on request
Size tolerance	+/-1mm

### Mesh Specification

Mesh	24-29T
Tension	30N/cm minimum
Thread count	60-74/inch
Thread diameter	120-150µm

