

SATELLITES

Thermal Management, Reflectors, Nameplates & Foil

Satellites, one of the fastest growing markets in the world, will grow not only in terms of sheer numbers in orbit, but more importantly in combining technologies in new and innovative ways. Melrose Nameplate and Label is poised to assist engineers in creating tech solutions for the Golden Dome and other aerospace programs. We listen to you and solve problems as innovative partners with our customers. If you have a technical issue for aerospace that you need to solve, engage with us.



VLEO (very-low-earth-orbit) satellites, designed for 200km to 450km altitude, will take the forefront in Golden Dome, but also in civilian and other government satellite constellations. Producing hundreds or thousands of satellites is a completely different process than making one or a handful of devices. It requires production scaling from prototype to production on a wide range of parts. Melrose specializes in many of those parts, and in making functional electronic sub-assemblies. Most companies are good at one or the other types of processing, but we live in the flexible middle ground where we adapt to your needs.

As an indication of our expertise and quality, Melrose is an AS9100 with 9001:2015 certified, and ITAR registered company. In addition, we are in the process of completing CMMC Level 2 certification.

MIL-SPEC
Aerospace & Defense



Melrose has significant experience in making the following parts for satellites & spaceborne rockets:

- **Die-cut Thermal Management:** felt, foam, etc.
- **Die-cut Reflectors:** aluminum or gold foil
- **Nameplates and Foil Labels:**
MIL-DTL-15024 and MIL-P-19834b photosensitive metal

We’ve worked successfully for several decades with large and small aerospace firms, developing our compliance capabilities, as well as our diversified experience from thousands of jobs in many industries. The advent of satellite constellations changes the ground rules for success in space. You need reliable partners with a background in making parts for extreme environments during prototyping and at scale.

Check out our website or even better, contact us with your project or a part number. We’re here to help convert your imagination into reality.

Contact us:
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Technical Solutions Through Expertise & Partnership
A U.S. Manufacturer