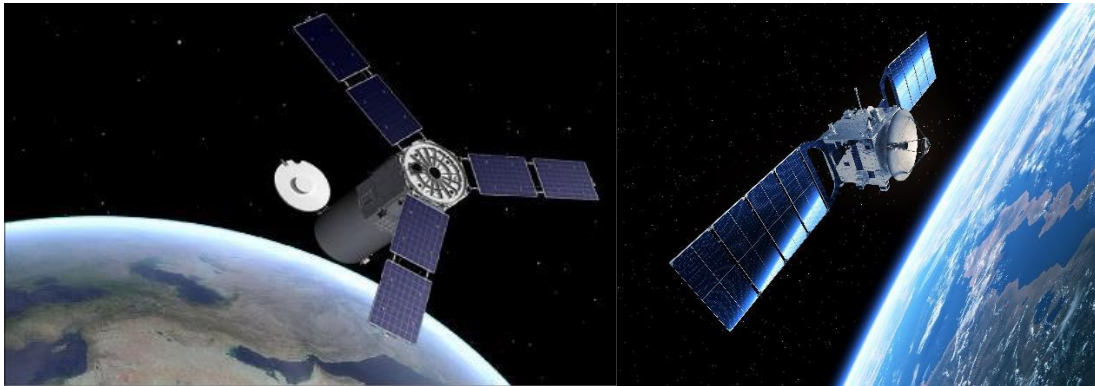


Radiation & atomic oxygen impervious filters for space projects

May 2023



Deposition Sciences, Inc., a wholly owned subsidiary of Lockheed Martin, designs and supplies filters for spaceborne applications that withstand the long-term effects of radiation and atomic oxygen environments — the cost of launching payloads into space is considerable. Therefore, don't take a chance, only use "space dependable" filters for your satellite or spacecraft system.

Space filters need to withstand radiation in LEO and atomic oxygen in GEO. As space systems potentially need to linger in LEO prior to moving to GEO, the optical thin film coatings on filters need to be impervious to degradation in LEO, MEO and GEO orbits.

Over the last 37 years Deposition Sciences, Inc. (DSI) has developed the expertise to design and fabricate optical coatings proven to withstand the environments of space. To ensure all coatings produced can withstand the long-term environmental effects in LEO, MEO and GEO, DSI uses proprietary MicroDyn® technology and know-how to assure that your space-based optical filter needs will be met over the entire mission life.