Revolutionizing Space Tech: A Cutting-Edge Alternative to Optical Solar Reflectors Sunshade Tape as a Flexible Solar Optical Reflector (FOSR)

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Deposition Sciences, Inc., a wholly owned subsidiary of Lockheed Martin, specializes in advanced materials and optical coatings. For over 20 years, they've been producing their Sunshade® thermal control material, which is designed to provide reliable performance in extreme space environments.

DSI's Sunshade® Tape as a Flexible Optical Solar Rejector (FOSR) is a premier solution for spacecraft and satellite applications. While traditional Optical Solar Reflectors (OSR) are made from bonded glass and feature exceptional optical properties, they come with elevated installation and repair costs. Sunshade® Tape offers a groundbreaking alternative, engineered to have equivalent optical properties of OSRs while providing a more cost-efficient solution and extreme durability.

Manufactured with a 3M966 Pressure Sensitive Adhesive (PSA) backing, Sunshade® Tape allows for a seamless and hassle-free application compared to traditional OSRs.