Space Dynamics Laboratory (SDL) has the facilities and experience to meet the most stringent link requirements. SDL thermal links have been selected for NASA’s JWST program. Full support services include thermal and dynamic testing and certification at cryogenic temperatures.

### SDL’s Flexible Thermal Links

**ELIMINATE**
- Joining materials including solder
- Internal contact resistance
- Wicking into braid/foil
- Outgassing

**MAXIMIZE**
- Thermal conductance
- Dynamic/mechanical flexibility

**PROVIDE**
- High Performance
- Affordable Solutions

Appropriate material types and configurations are available based on customer-specific thermal and mechanical requirements for conductance, mass, and flexibility.

### Specifications

**Conductance**  
0.01 - 10 W/K

**Stiffness (Flexibility)**  
Typically < 1 N/mm all axes

**Mass**  
5g - 10kg

**Material**  
Copper, Aluminum, etc.

**Type**  
Foil or Braid

**Transfer Lengths**  
2mm - 2m

The SDL flexible thermal links are configurable to almost any desired shape and end-block configuration.