Interconnect Solutions for Extreme Environments
Climatic and Mechanical

SOURIAU-SUNBANK
Connection Technologies
SOURIAU designs connectors for critical systems in the harshest environments. Major manufacturers trust SOURIAU’s expertise and industrial excellence.

**Connectors for Extreme Environments**

### CORROSION RESISTANCE

- **M Series**
  - Waterproof up to 1,000 bars.
  - 20 cycles of 24 hours salt spray resistant.

- **TP Series**
  - Waterproof up to 30 bars.
  - Capable of prolonge use in presence of oil, gas, sand, mud.

- **UTS Hi Seal Series**
  - UV resistant.
  - 250 mating cycles.

- **MPH Series**
  - Extreme resistance to pull out force.
  - 20 cycles of 48 hours salt spray resistant.

- **U Series**
  - Waterproof mated/ unmated up to 30 bars.
  - High corrosion resistant.

### UV RESISTANCE

- **UTL Series**
  - Ideal for outdoor dynamic applications requiring underwater immersion.

- **VGE1 Series**
  - Endurate and waterproof. For temporary or continuous water immersion.

- **MPH Series**
  - Extreme resistance to pull out force.
  - 20 cycles of 48 hours salt spray resistant.

### HIGH MATING CYCLES

- **MPH Series**
  - Extreme resistance to pull out force.
  - 20 cycles of 48 hours salt spray resistant.

- **U Series**
  - Waterproof mated/unmated up to 30 bars.
  - High corrosion resistant.

### EXTREME TEMPERATURE

- **VGE1 Series**
  - Endurate and waterproof. For temporary or continuous water immersion.

- **MPH Series**
  - Extreme resistance to pull out force.
  - 20 cycles of 48 hours salt spray resistant.

- **U Series**
  - Waterproof mated/unmated up to 30 bars.
  - High corrosion resistant.

### IMMERSION LEVEL

- **UTL Series**
  - Ideal for outdoor dynamic applications requiring underwater immersion.

- **VGE1 Series**
  - Endurate and waterproof. For temporary or continuous water immersion.

- **MPH Series**
  - Extreme resistance to pull out force.
  - 20 cycles of 48 hours salt spray resistant.

### HIGH SEALING LEVEL

- **U Series**
  - Waterproof mated/unmated up to 30 bars.
  - High corrosion resistant.

- **MPH Series**
  - Extreme resistance to pull out force.
  - 20 cycles of 48 hours salt spray resistant.

### HIGH VIBRATION

- **UTL Series**
  - Ideal for outdoor dynamic applications requiring underwater immersion.

- **VGE1 Series**
  - Endurate and waterproof. For temporary or continuous water immersion.

- **MPH Series**
  - Extreme resistance to pull out force.
  - 20 cycles of 48 hours salt spray resistant.

- **U Series**
  - Waterproof mated/unmated up to 30 bars.
  - High corrosion resistant.
SUNBANK provides a large variety of interconnect solutions to vector and secure the cable routing. We would like to present hereby some of the major ones.

**Backshells**
- Large termination types: strain relief, banding platform with or without heat shrink boot, EMI/RFI shielding.
- Various Standards: MIL-DTL-38999, M28840, BACC10, AS85049, ABS1361, ABS1358, etc.
- Various materials and platings. Circular and rectangular.

**Flexible conduits**
- Repairable and static/dynamic cable routing.
- Wire protection from mechanical and chemical stresses.
- Metallic braided shielding that coats the flexible conduit for an excellent EMI/RFI protection.

**Protective caps**
- Protect from dust and moisture unmated bayonnet and screw coupling connectors.
- Various platings available.
- Qualified to fit on MIL-DTL-38999, MIL C 5015 and MIL 83723 among many other connectors.

**Accessories**
- Shield termination band tighten the braid on the backshell and ensures excellent shielding continuity.
- Shield support ring.
- Transition accessories provide a robust fan out on the harness in multiple direction.
Unique Capability

SOURIAU-SUNBANK Services

- High levels of finished connectors and accessories stock from our worldwide distributors network.
- Free and user friendly 3D models downloadable from our website.

Expertise & Excellence

- SOURIAU and SUNBANK have developed ruggedized and reliable products for military, geophysics, railway, heavy industry, motorsport and many other markets, fully compliant with harsh environment requirements.
- All SOURIAU and SUNBANK solutions are designed to guarantee the most effective, safe and reliable signal/power transmission.

A Trusted & Reliable Partner

- For many years, SOURIAU and SUNBANK have become a trusted partner for major manufacturers and their subcontractors.
- SOURIAU and SUNBANK are worldwide recognized as market leaders in the design and manufacture of connectors and interconnect systems for severe environments.

www.souriau.com
 technical.emear@souriau.com (Europe - Asia - Africa)
 technical.americas@souriau.com (North America)