

Backshells and Conduits  
Reliable Interconnect Solutions

### Typical applications



Aviation



Ground Military



Space



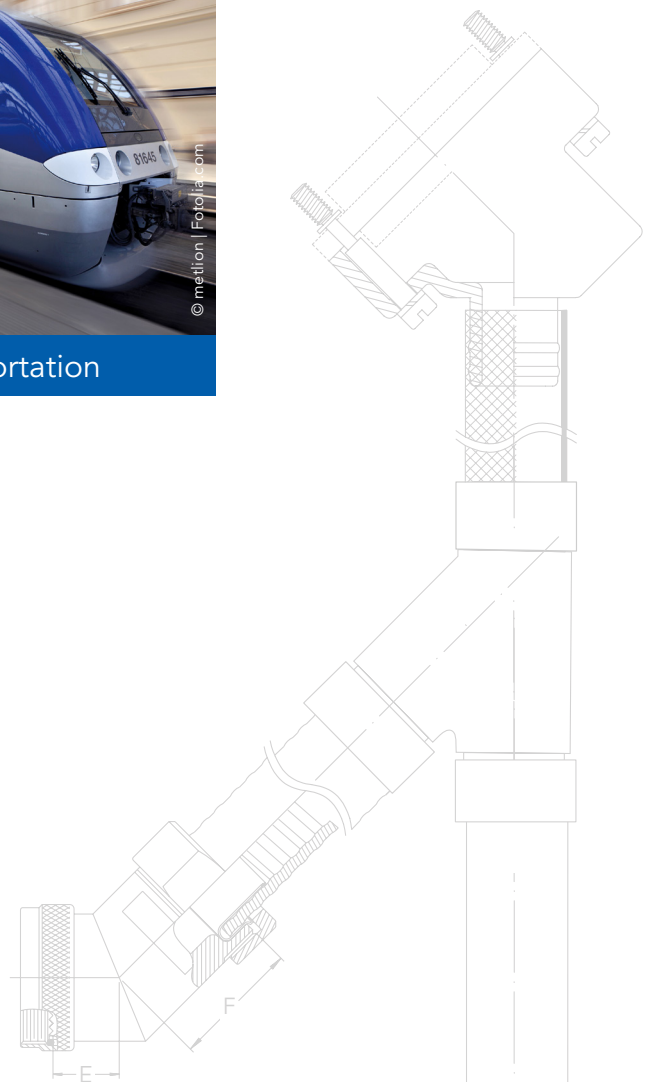
Industry



Ground Transportation



Military Marine



## Features & Benefits

### EXTENSIVE RANGE

#### A Solution for all Your Needs

From QPL to customer specific designs, from light weight composite to highly resistant stainless steel, SUNBANK provides a wide range of backshells and conduits to route your cables.

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### SET & FORGET

#### Unique Backshell Locking

Conceived by SUNBANK, the self-seating mechanism is a design that prevents premature decoupling, even under the most severe conditions. No additional reinforcement needed.

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### EASY & VERSATILE

#### Flexible Conduit Solution

Wires are directly inserted in the conduit for protection and routing. Easy change of the inside wiring compared with jacket or overmolded cables.

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### SHIELDED

#### EMI/RFI Conduit Protection

Metallic braided shielding that coats the flexible conduit provides excellent EMI/RFI protection. Synthetic braided coatings are also available for abrasion protection purposes.

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### & MUCH MORE

#### The Way You Want it

SUNBANK can also provide many other interconnect solutions such as connector dust caps, RFI/EMI accessories or transition accessories.

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## Large Termination Types



## Various Materials & Plating

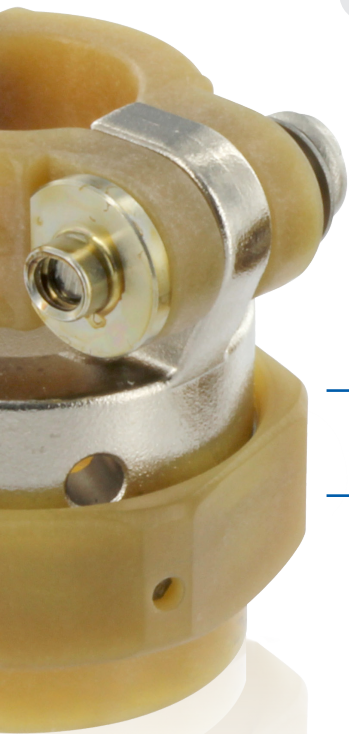


Consult "Build a Backshell®" on [www.sunbank.com](http://www.sunbank.com)



Various Standards

BACC10 AS85049  
ABS1361 M28840  
ABS1358  
MIL DTL 38999



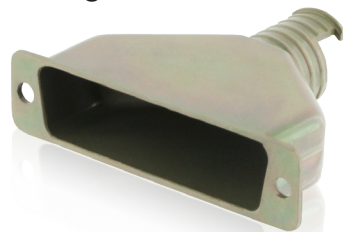
Various Shapes



Circular



Rectangular



The SUNBANK brand covers a large variety of interconnect solutions to vector and secure cable routing. This includes connector backshells and covers, conduits, as well as many other accessories.

The following presents some of the major product categories.



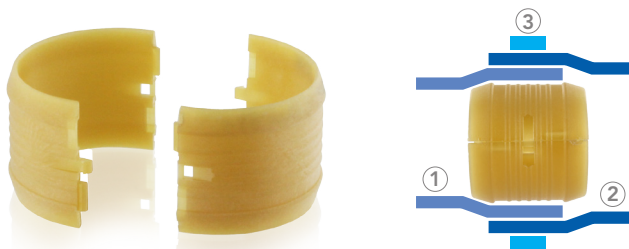
## Protective Covers

- Protect unmated connectors from dust and moisture
- For bayonet and screw coupling connectors
- Available in various plating options
- Qualified to fit on MIL-DTL-38999, MIL C 5015 and Mil 83723 among many other connectors



## Shield Termination Band

- Tightens the braid on the backshell
- Ensures excellent shielding continuity
- All related banding tools available



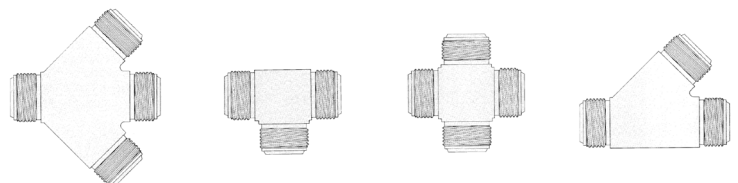
## Shield Support Ring

- Link two metal braids<sup>①&②</sup> by attaching them with a shield termination band<sup>③</sup> on the support ring
- More reliable and repairable alternative to solder sleeve: no heat needed, no wire damage



## Transition Accessories

- Provides a robust fan out on the harness in multiple directions
- "T", "X", "Y" types as well as many others



SUNBANK's "**Sunflex**" flexible conduits enable a repairable and static/dynamic cable routing, while protecting the wires from mechanical and chemical stresses.

**Sunflex** conduits offer various superimposed physical layers with each of the layers adding specific properties and functions to the routing.

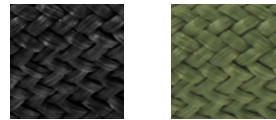
### Liner

Helicoil design to allow multiple flexures  
Low smoke / zero halogen options



### Anti-abrasion Braid

Protective light weight polymer braid  
Enhances conduit tensile strength



### Metal Braid

EMI/RFI shielding,  
Multiple braiding layers option



### Environmental Jacket

Anti-moisture, Anti-fungus  
Fluid resistant, UV resistant



**Sunflex** conduits can either be supplied in bulk, un-wired or as a **fully wired assembly**. In this case, we can provide you the wiring adaptors and even the connectors for a "Plug and Play" solution.



# Reliable People, Reliable Solutions



Your local contact



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