

# AEROSUSA

## Cable Protection Solutions for the Transit Industry



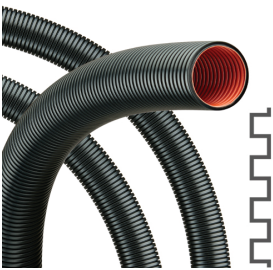
Unsurpassed in Cable Protection and Strain Relief

# New Product Innovations



## RQMR-MOVE

- Moveable insert for RQM clamp
- Dynamic applications
- Strain relief for high mechanical stress



## ROHRflex PA 12+ Multilayer

- Multilayer abrasion indicator
- Extremely durable
- Abrasion resistant
- NFPA 130, ASTM, HL2 and HL3



## ADMF

- Fire protection element
- Barrier for feed through cables
- 30 min rating
- EN 45545-3: E30



## Specialized Cable Glands

- For all critical applications
- Standard, EMC and EX
- Exceeds EN 45545-3: E30
- ASTM 1354, NFPA 130
- IP 68 / 69K



## Custom Ground Straps

- 99.9% Pure Copper
- Maximum Conductivity
- Lower Resistance
- Maximum 3000A



## Custom Ground Straps

- NEMA 4X, IP 66
- UL94V0
- Terminated and non-terminated cables

# Connectors / Fittings

-40°F...+120°F | IP 68 / 69K

<p><b>RQG</b></p>  <p>Threads: N / M / P / C OD: 1/4 - 1 1/2"</p>	<p><b>RQGK</b></p>  <p>Threads: M / P OD: 1/4 - 1 1/2"</p>	<p><b>RQGKZ</b></p>  <p>w/ Strain Relief Threads NPB: M / P OD: 1/4 - 1 1/2"</p>	<p><b>RQGKZE</b></p>  <p>w/ Strain Relief, EMC Threads NPB: M / P OD: 5/16 - 1 1/2"</p>	<p><b>RGE</b></p>  <p>EMC Threads NPB: M OD: 1/4 - 1 1/2"</p>
<p><b>RQG2</b></p>  <p>Threads: N / M / P / C / U OD: 1/4 - 1 1/2"</p>	<p><b>RQGK2</b></p>  <p>Threads NPB: M / P OD: 1/4 - 1 1/2"</p>	<p><b>RQB90</b></p>  <p>Threads: N / M / P OD: 1/4 - 1 1/2"</p>	<p><b>RQBK90</b></p>  <p>Threads NPB: N / M / P OD: 1/4 - 1 1/2"</p>	<p><b>RQBK90DR</b></p>  <p>Turnable Threads NPB: M OD: 1/4 - 1 1/2"</p>
<p><b>RQW</b></p>  <p>Threads: N / M / P / C OD: 1/4 - 1 1/2"</p>	<p><b>RQB45</b></p>  <p>Threads: N / M / P OD: 1/4 - 1 1/2"</p>	<p><b>RQBK45</b></p>  <p>Threads NPB: M / P OD: 1/4 - 1 1/2"</p>	<p><b>RQBK45DR</b></p>  <p>Turnable Threads NPB: M OD: 1/2 - 1 1/4"</p>	<p><b>RQK-PA</b></p>  <p>Coupler OD: 1/4 - 1 1/2"</p>
<p><b>RQT-PA</b></p>  <p>OD: 3/8 - 1 1/2"</p>	<p><b>RQY-PA</b></p>  <p>OD: 5/16 - 1 1/2"</p>	<p><b>RQGR</b></p>  <p>Reducer OD: 1/4 - 1 1/2"</p>	<p><b>RQA</b></p>  <p>Terminal Sleeve OD: 1/4 - 1 1/2"</p>	<p><b>RQE</b></p>  <p>End Cap OD: 1/4 - 1 1/2"</p>
<p><b>RQM</b></p>  <p>Heavy Duty Clamp OD: 3/8 - 1 1/2"</p>	<p><b>RQMR</b></p>  <p>Clamp Reducer OD: 3/8 - 1"</p>	<p><b>RQPRO</b></p>  <p>Abrasion Protector OD: 1/2 - 1 1/2"</p>	<p><b>RQHG</b></p>  <p>Two Piece Clamp OD: 1/4 - 1 1/2"</p>	<p><b>RQS</b></p>  <p>One Piece Clamp OD: 1/4 - 1 1/2"</p>
<p><b>FS</b></p>  <p>Fire Stop Cable Gland NPB: N / M / P -58°F...+221°F ASTM E1354: 2016 NEPA 130: 2017 EN45545-3</p>	<p><b>Evolution</b></p>  <p>EMI / EMC Protection NPB: M -40°F...+248°F 360° Connectivity Crimped Ferrule</p>	<p><b>MS HT</b></p>  <p>High Temperature NPB: M / P -40°F...+392°F EN 6244</p>	<p><b>ADMF</b></p>  <p>Fire Protection Gland NPB: M -40°F...+1,112°F EN 60423 EN 45545-3:E30 DIN EN 60204</p>	<p><b>PBE</b></p>  <p>Pressure Balance NPB: M / P -40°F...+230°F A2/A4 Available EX Available</p>

Consult our website [aerosusa.com](http://aerosusa.com) for full product details and specifications

# Protective Conduits / Brading / Sieves

<p><b>PA 6</b></p> <p>Medium Wall General Applications Static Applications</p>  <p>1/4 - 4"</p> <p>-40°F...+248°F^302°F</p> <p>UL94V0</p>	<p><b>PA 6D</b></p> <p>Heavy Wall Crush Resistant High Impact Applications</p>  <p>1/4 - 2"</p> <p>-40°F...+248°F^302°F</p> <p>UL94V0</p>	<p><b>PA 12+</b></p> <p>Heavy Wall Highly Flexible Dynamic Applications</p>  <p>3/8 - 1 1/2"</p> <p>-58°F...+248°F^302°F</p> <p>UL94V2 / HL2</p>	<p><b>PA 12F+</b></p> <p>Heavy Wall Highly Flexible Dynamic Applications</p>  <p>3/8 - 1 1/2"</p> <p>-58°F...+248°F^302°F</p> <p>UL94V2 / HL3</p>
<p><b>HG-CU</b></p> <p>Wire Braiding Copper EMC Applications</p>  <p>NW 6 - NW 35</p>	<p><b>FLEXAgraf-CU-AS</b></p> <p>Wire Braiding Copper EMC, ATEX Applications</p>  <p>1/2 - 2 1/4"</p>	<p><b>SPR-PA</b></p> <p>Galvanized Steel PA Jacketed ASTM E 162 / 662</p>  <p>3/8 - 2 1/4"</p> <p>-58°F...+248°F</p>	<p><b>SPR-PU-F</b></p> <p>Galvanized Steel PU Jacketed Flame Retardant</p>  <p>3/8 - 2 1/4"</p> <p>-58°F...+212°F</p>
<p><b>HG-PET022</b></p> <p>Wire Braiding Self Extinguishing Cable Bundling</p>  <p>NW 4 - NW 50</p>	<p><b>BSXC</b></p> <p>Braiding 304 Stainless Rust &amp; Flame Proof</p>  <p>1/8 - 1 1/2"</p> <p>2650°F Melt Temp</p>	<p><b>ACB</b></p> <p>Poly Braiding Impact &amp; Cut Resistant SAEJ369</p>  <p>3/8 - 1"</p> <p>-40°F...+302°F</p> <p>ASTM D 302-22</p>	<p><b>FSFR</b></p> <p>Polyethylene Sleeve Flame Retardant DIN EN 45545-2 HL2</p>  <p>1/8 - 3"</p> <p>-94°F...+257°F</p> <p>VW-1 / Mil-202</p>
<p><b>HWS</b></p> <p>Polyester Wrap Self-Closing DIN EN 45545 HL2</p>  <p>3/16 - 1 1/2"</p> <p>-94°F...+257°F</p> <p>ASTM E-662 / E-162</p>	<p><b>DFP</b></p> <p>Heavy Duty Hylon Sleeve Construction Grade Smooth Inner Wall</p>  <p>3/4 - 4"</p> <p>-49°F...+248°F</p> <p>ISO 6945</p>	<p><b>ALFW</b></p> <p>Fiberglass Wrap Reflective Aluminum Adhesive Strip</p>  <p>1/4 - 2"</p> <p>-76°F...+491°F</p> <p>Non-Flammable</p>	<p><b>FLEXAhightemp</b></p> <p>Calcium Silicate Braiding Silicone Jacketed Fire Protection</p>  <p>3/8 - 1 1/2"</p> <p>-58°F...+662°F</p> <p>DIN 5510</p>

# The Technology

**AerosUSA** supplies a wide range of products manufactured by European Companies designed specifically for the transit industry. We are proud to offer:

**FLEXA protective conduit systems:** Designed and manufactured to withstand the rugged environment of the transit industry. Flexa products are fire retardant, free of halogens and contain minimum pollutants.

**Agro cable glands:** Offering a comprehensive range of standard and EMC glands, Agro cable glands fit almost any application. Certified glands according to EN45545 and high fire resistance class E30.

**DetasUltra cable entry systems:** Robust system for sending cables, both terminated and non-terminated, through control and electrical panels.

**Certifications:** US - ASTM E-162, 662, 1345, SMP800-C  
UL 1660, 514B

**European** - EN 45545 (AL2, AL3)

**German** - DIN 5510 Part 2

**Italian** - UNI CEI 11170

**British** - BS 6853:1999

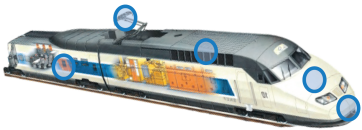
**French** - NFF 16-101, 102

## Approvals



## Applications

### Railway



#### Inside the Vehicle

- Cockpit
- Engine & Components
- Interior Cabling
- Doors & Equipment
- Lighting
- Communications
- Multimedia / Wi-Fi

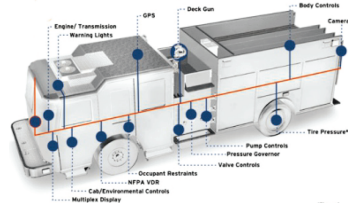
#### Outsidethe Vehicle

- HVAC
- Converters
- Braking Systems
- Traction Control
- Coupling Systems
- Bogies

#### Inside the Vehicle

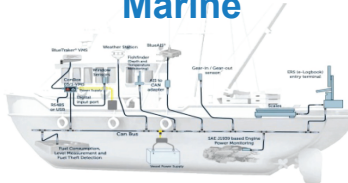
- Vision Systems
- Fare Collection Equipment
- Track Switches & Heaters
- Signaling & Train Control
- Bungalows
- Track Inspection Systems

### Specialized Vehicles



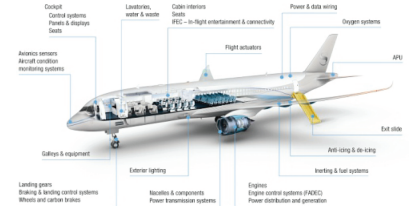
- Warning Lights
- Communication Systems
- Environmental Controls
- GPS Systems
- Generators / APUs
- Circuit Protection
- Protection / Weapon Systems

### Marine



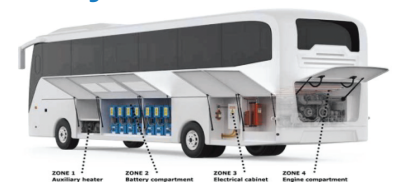
- Distribution Panels
- Engine Compartment
- Battery Compartment
- Circuit Protection
- Generators / APUs
- Dockside Protection
- Security Systems

### Aeronautical



- Lighting Systems
- Communication Systems
- Mechanical Protection
- Navigation Systems
- Generators / APUs
- Conduit Assemblies
- UAV / Drones
- Field Lighting

### Hybrid Vehicles



- Auxiliary Heater & AC
- Engine Compartment
- Battery Compartment
- Electrical Cabinet

Consult our website [aerosusa.com](http://aerosusa.com) for full product details and specifications



**Check out all of our products!**

Conduit



Cable Glands



Cable Entry  
Systems



Sleeving



**AEROSUSA**  
aerosusa.com

717.238.1444  
service@aerosusa.com  
2409 Herr St, Harrisburg, PA 17103

