

AEROSUSA_{INC.}

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

RQG  Threads: N / M / P / C OD: 1/4 - 1 1/2"	RQ GK  Threads: M / P OD: 1/4 - 1 1/2"	RQ GKZ  w/ Strain Relief Threads NPB: M / P OD: 1/4 - 1 1/2"	RQ GKZE  w/ Strain Relief, EMC Threads NPB: M / P OD: 5/16 - 1 1/2"	RGE  EMC Threads NPB: M OD: 1/4 - 1 1/2"
RQG2  Threads: N / M / P / C / U OD: 1/4 - 1 1/2"	RQ GK2  Threads NPB: M / P OD: 1/4 - 1 1/2"	RQB90  Threads: N / M / P OD: 1/4 - 1 1/2"	RQBK90  Threads NPB: N / M / P OD: 1/4 - 1 1/2"	RQBK90DR  Turnable Threads NPB: M OD: 1/4 - 1 1/2"
RQW  Threads: N / M / P / C OD: 1/4 - 1 1/2"	RQB45  Threads: N / M / P OD: 1/4 - 1 1/2"	RQBK45  Threads NPB: M / P OD: 1/4 - 1 1/2"	RQBK45DR  Turnable Threads NPB: M OD: 1/2 - 1 1/4"	RQK-PA  Coupler OD: 1/4 - 1 1/2"
RQT-PA  OD: 3/8 - 1 1/2"	RQY-PA  OD: 5/16 - 1 1/2"	RQGR  Reducer OD: 1/4 - 1 1/2"	RQA  Terminal Sleeve OD: 1/4 - 1 1/2"	RQE  End Cap OD: 1/4 - 1 1/2"
RQM  Heavy Duty Clamp OD: 3/8 - 1 1/2"	RQMR  Clamp Reducer OD: 3/8 - 1"	RQPRO  Abrasion Protector OD: 1/2 - 1 1/2"	RQHG  Two Piece Clamp OD: 1/4 - 1 1/2"	RQS  One Piece Clamp OD: 1/4 - 1 1/2"
FS  Fire Stop Cable Gland NPB: N / M / P -58°F...+221°F ASTM E1354: 2016 NEPA 130: 2017 EN45545-3	Evolution  EMI / EMC Protection NPB: M -40°F...+248°F 360° Connectivity Crimped Ferrule	MS HT  High Temperature NPB: M / P -40°F...+392°F EN 6244	ADMF  Fire Protection Gland NPB: M -40°F...+1,112°F EN 60423 EN 45545-3:E30 DIN EN 60204	PBE  Pressure Balance NPB: M / P -40°F...+230°F A2/A4 Available EX Available

Consult our website aerosusa.com for full product details and specifications

Protective Conduits / Brading / Sleeves

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

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

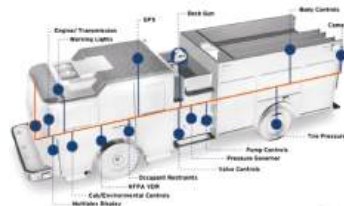
Outside the Vehicle

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

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 for full product details and specifications



Check out all of our products!

Conduit



Cable Glands



Cable Entry
Systems



Sleeving



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