

Mission-Ready Solutions

Atkore Flexicon provides robust cable protection for extreme defence environments. Our systems protect vital cabling from UV, mechanical, chemical, vibrational, and thermal stresses to ensure mission-critical reliability. Scan the QR code to see the full range.



Flexible Conduits				
Conduit Type				
	LTTC Metallic	LTPHC Metallic	FPR Non-Metallic	FPI Non-Metallic
EMC Shielding	•		• ⁽¹⁾	• ⁽¹⁾
UV Resistance	•	•	•	•
Low Smoke, Zero Halogen	•	•	•	•
EN 45545 Compliant	•	•	•	
High Mechanical Strength	•	•	•	•
Chemical Resistance	•	•	•	•
Temperature Range (°C)	-25° to +90°	-60° to +150°	-40° to +120°	-50° to +110°
Conduit Fittings & Accessories				
Fitting Type				
	Metallic Fittings	Non-Metallic Fittings		
Liquidtight Sealing	•	•		
316L Stainless Steel Option	•			
Shock & Vibration Tested to EN 61373 Cat 2	•	•		
IP66,67,68,69 Rated	•	•		
UV Resistance	•	•		
Mil-Spec Connector Compatibility		•		

*NATO stock codes available, contact us to learn more.

⁽¹⁾EMC shielding when combined with FTCB braided sleeve.

Supporting Key Defence Applications:



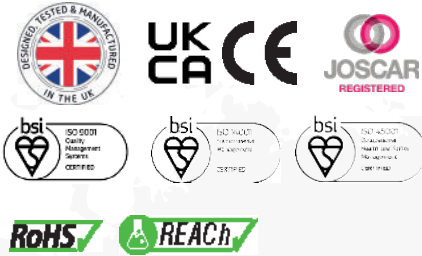
Building Better Together

Atkore Advantages

- ▲ Customer-focused: Sales & technical guidance
- ▲ Accredited CPD training programmes
- ▲ Toolbox talks by our expert team
- ▲ Engineer site visits & measures
- ▲ Custom & pre-fabricated solutions
- ▲ Over a century of innovation & expertise
- ▲ Prefabrication sites located globally
- ▲ 42 global manufacturing facilities
- ▲ 5K+ employees



Company Standards & Approvals



A Core Part of Our Culture

We are dedicated to continually advancing our practices to create positive impacts for both people and the planet. We're proud to share that we have exceeded our five-year sustainability goals in fiscal year 2025.

- ▲ 21% reduction in scope 1 & 2 Greenhouse Gas emissions intensity
- ▲ 98% of sites meeting Team-Based Safety Observations
- ▲ 81% participation in annual employee engagement and alignment survey



Sustainability Development Goals

We support the UN Sustainable Development Goals and focus on the eight where we can have the greatest impact, aligning our efforts with key global challenges. Scan the QR to learn more:



Get Supported

Do you want to learn more? Need technical support?

1

Visit online
atkore.com

2

Talk to an expert
0121 580 6300

3

Email us
enquiries@atkore.com



Product Overview



▲ Infrastructure
A range of flexible cable protection for general purpose & specialist construction applications



▲ Deck / Exterior
Corrosion resistant protection for exposed cabling against saltwater, moisture, UV & mechanical damage



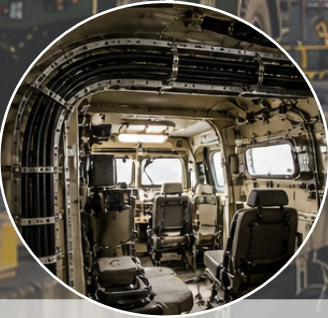
▲ Radar & Communication Systems
Protection for cabling, EMC, UV & mechanical damage



▲ Equipment Space (Subsea)
Corrosion-resistant protection for power monitoring & control cabling



▲ Onboard Corridors
Secure routing for electrical & comms cabling throughout confined spaces



▲ Interior
Additional mechanical protection for electrical harnesses, with mil-spec compatible fittings



▲ Power & Control (Coastal)
Durable protection for dockside power, control systems & infrastructure



▲ Engine Room
Protection for power control & instrumentation cabling in high vibration engine environments



▲ Control Room Systems
Compact flexible protection for mission-critical, comms & data cabling

Indicator Reference

Our comprehensive portfolio is ideal for use across defence applications. For more information on our full product range, scan the QR code or visit atkore.com.



 Military Base

 Land Vehicle

 Port/Dockyard

 Naval Vessel

 Submarine

Why Choose Atkore Flexicon?

Flexicon Advantages

We Provide More Than Just Products

Atkore Flexicon provides a comprehensive suite of tools and services to help you confidently select, specify and install a solution that meets your needs and challenges whilst remaining cost-effective.

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Technical Data Sheets & Certification
Full product specifications, performance data, and certification available on request.
- 

3D CAD Models
Access CAD files, diagrams, and technical data for efficient project planning.
- 

Online Guidance Selector Tools
Product and chemical resistance selectors available online to help guide your project.
- 

On-Site Tech Support
Expert support to ensure installations meet project needs and standards.
- 

Training Programs
Flexible online and in-person courses, with CPD accreditation available.
- 

Technical Guidance
Technical sales managers are on hand to support projects on-site.
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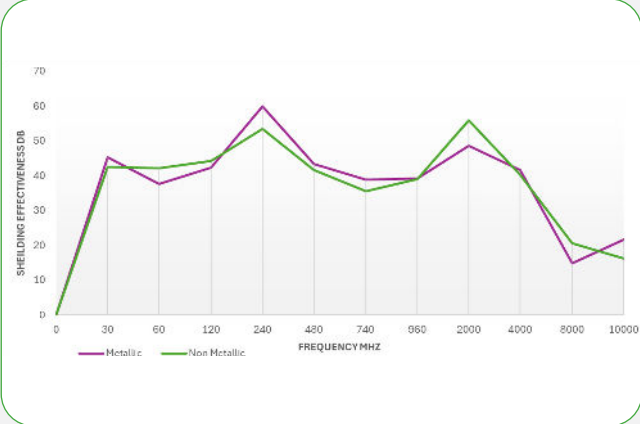
Literature & Video Library
Access brochures, installation & technical guides, tutorials and case studies online.
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Pre-Assembled Systems
Pre-cut conduit with pre-terminated fittings are available ready for assembly - simplifying installation.

EMC Shielding

Our cable protection products are independently EMC tested in both horizontal and vertical configurations, demonstrating proven shielding performance and consistent protection in demanding defence environments.

This third-party validation ensures reliable electromagnetic containment, reduced interference risk, and dependable operation for mission-critical systems.



Tailored Solutions

**Fire Barrier Adapter**
Provides an effective flame and fume blocking seal, using intumescent material that expands from 200°C, and compatible with Atkore Flexicon cable protection systems.



**FTCB Braided Sleeving**
FTCB tinned copper braiding provides lightweight enhanced EMC performance that protects against abrasion and wear, keeping cable bundles secure and tidy.



Learn More
For more information on our fittings and accessories, scan the QR code or visit atkore.com.