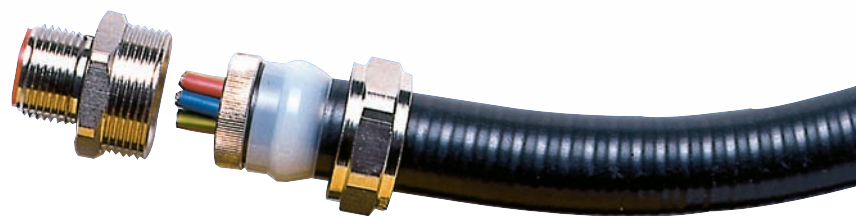


Flexible Conduit Systems for Critical Power & Data Cable Protection



IT'S THE NEW WAVE OF PRODUCTS ...



FROM ADAPTAFLEX

Adaptalok ATS™

Adaptalok ATS™ is an evolution of the leading Adaptalok system which has been successful for many years. Adaptalok ATS™ uses a sophisticated moulding process to provide a fitting with ultimate performance and speed of installation in a single component.

Ultimate Performance

Adaptalok ATS™ is a one-piece connector system that is quick and easy to fit, providing the highest performing conduit system available. Achieving IP68 and IP69k ingress protection in a component, that gives assured performance over its life.

Applications

Adaptalok ATS™ is an ideal solution for the OEM market sectors. For example railways, machine tool, marine, process control and automation systems. The ease of use and speed of installation provide additional benefits for those who require the highest levels of ingress protection.

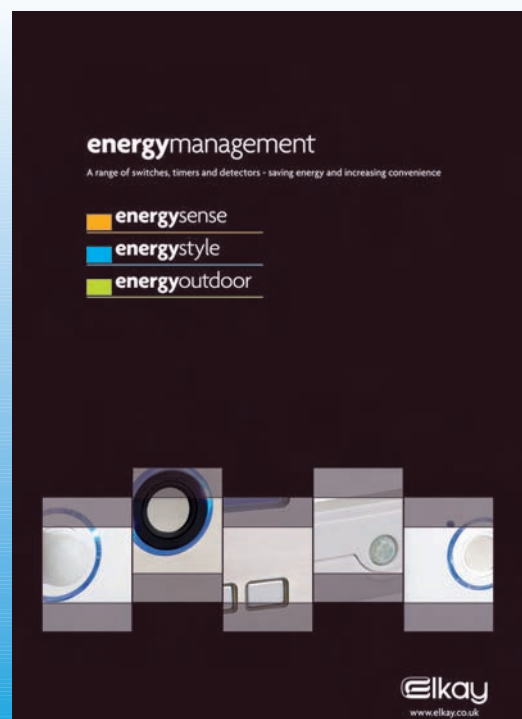
Intelligent Energy Management

Welcome to the new, innovative and intelligent **energy**range of products from Elkay.

The **energy**range includes three different product categories - **energysense**, **energystyle** and **energyoutdoor** which not only give better control of lighting, heating and other load applications, but also offer enhanced safety and security benefits.

With rising energy costs and increasing concerns about environmental impact of energy consumption there is a need to find and implement practical measures to save energy and limit carbon emissions. All of these issues are addressed by the **energy**range.

Whatever the installation, the new **energy**range from Elkay provides a practical and stylish way of saving energy in domestic or commercial buildings, without costing the earth.

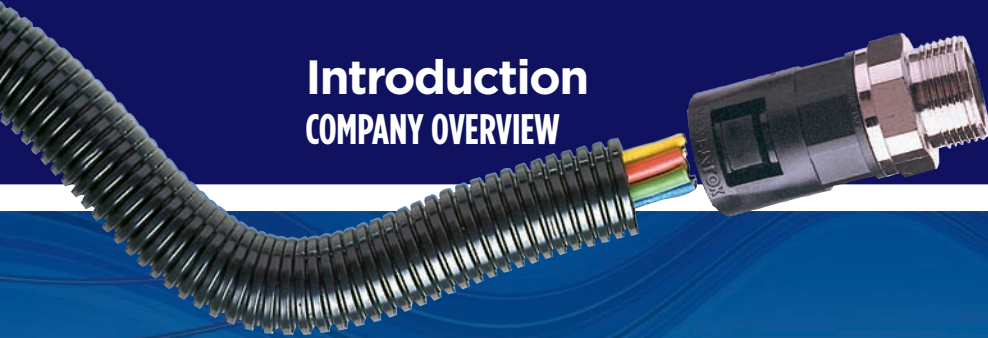


Contents

Description	Page
INTRODUCTION - Company Overview & Quality Approvals	4-5
APPLICATIONS - Commercial & Contracting, Machine Tools, Rail, Marine, Automation, Limitless Applications	6-11
Non Metallic Systems	
SYSTEM SELECTOR & INTRODUCTION - Non Metallic Systems	12-13
NON-METALLIC CONDUIT - Type PA & PI Non-metallic conduit	14-15
NON-METALLIC CONDUIT -Type PR, CP & PADL Non-metallic conduit	16
ADAPTALOK - One-Piece Push-On Liquid Tight IP66 Fittings	17-19
ADAPTALOK - One-Piece Push-On Liquid Tight IP66 Fittings with Swivel Brass Threads	20-21
ADAPTALOK - UNEF Circular Connector Fittings (MIL C 5015)	22
ADAPTALOK - Clip Together 'JUMBO' IP40 Fittings	23
NEW ADAPTALOK ATS - One-Piece Push-On Liquid Tight IP68/69k, Swivel Brass Threads & UNEF Circular Connector (MIL C 5015) Fittings	24-33
ADAPTASEAL - Liquid Tight Compression Fittings & Accessories	34-35
ADAPTARING - Freely Rotating Swivel Compression Fittings	36
SPECIALIST NON-METALLIC SYSTEM - Type KF Korifit Non-Metallic Conduit & Fittings	37-38
SPECIALIST NON-METALLIC SYSTEM - Type PP Non-Metallic Conduit & Fittings	39
SPECIALIST NON-METALLIC SYSTEM - Type XF & RF Xtraflex Non-Metallic Conduit & Fittings	40
ACCESSORIES - Locknuts, Conduit Clips, Thread Convertors, End Caps, Sealing Washers, End Sleeves & Removal Tool	41
ACCESSORIES - Type FK Fastlock & Type MB Manifold Boxes	42-43
ACCESSORIES - Hinged 'T' & 'Y' Pieces	44-45
HI-SPEC NON-METALLIC CONDUIT SYSTEM - Type PK,PKTC,PKSS,PRTC,PRSS PEEK Specialist Low Fire Hazard & EMI Screen Conduit	46-47
Metallic Systems	
SYSTEM SELECTOR & INTRODUCTION - Metallic Systems	48-49
ADAPTASTEEL - Type S & SS Flexible Steel Conduit & Type S Fittings	50-51
ADAPTASTEEL - Type SP, SN & LFH-SP Covered Steel Flexible Conduit & Type SP Fittings	52-54
ADAPTASTEEL - Type SPL, SPLHC & SPUL Covered Steel Flexible Conduit & Type SPL Fittings	55-57
ADAPTASTEEL - Type SB, STC, SSB & SSBGS Specialist EMI Screen Conduit & SB Fittings	58-59
ADAPTASTEEL - Type SPB & SPTC Specialist Liquid Resistant, EMI Screen Conduit & Type SPB Fittings	60
ADAPTASTEEL - Type SPLHCB Specialist Liquid Tight High Strength Conduit & Type SPLB Fittings	61
ACCESSORIES - Locknuts, P-Clips, 90° & 45° Elbows, Proximity Switch Adaptors, Female Couplers, Enlargers, Reducers & Converters	62-63
NEW CONVENIENCE PACKS - LFH & Budget Professional Installer Packs, Liquid Resistant, LFH, Retail/Office & Budget Convenience Packs	64
TECHNICAL - Thread Data, EMI Screen System, Fire Performance, IP Rating, Chemical Resistance, Cable Carrying, IEC61386 Classification	65-69
CUTTING TOOLS - Kwikcut, Cut-Vice, Rotocut, Swingcut, Cutting Guide & NEW Pipetools (PipeSlice & Pipe-Prep)	70-71
Cable Glands & Terminal Blocks	
CABLE GLANDS - Overview, Standard, Euro Index, Index A2P, 90° Swept Elbow Cable Gland	72-74
CABLE GLANDS - Index Claw, Flat Cable, Heat Trace, EMC Cable Gland	75-76
CABLE GLANDS - Miniature & Surface Mount Cable Glands, Threaded Cord Grip	77-78
CABLE GLANDS - PG - METRIC Adaptors & Reducers, Locknuts & Sealing Washers	79-80
TERMINAL BLOCKS - Type 1512, 4012, 6012, 10012 & 16012 Polyamide Terminal Blocks, Type ELK Polyethylene Terminal Blocks	81-83
TERMINAL BLOCKS - DIN Rail Terminals	84
Aquasafe & Energy Management	
AQUASAFE - Overview, In-Line Range, Bulkhead, Sealing Caps & Switched Enclosure Range	85-87
NEW ELKAY ENERGY MANAGEMENT - Overview, energysense, energystyle, energyoutdoor	88-89
INDEX - A TO Z PART NO. LISTING	90-98

Introduction

COMPANY OVERVIEW



Adaptaflex

Established in 1972 Adaptaflex has developed over the past thirty years into a leading player within the flexible conduit market. Adaptaflex is the market leading flexible conduit system brand in the UK and in addition is represented throughout the world in all key global regions.

Combining innovative design with dedicated manufacture it offers customers the widest possible selection of cable protection products and solutions. With over 6000 products the range covers metallic, non-metallic and composite flexible conduit systems for the protection of electrical, coaxial, data and telecommunications cabling. It includes the easy-to-use, one piece push on Adaptalok fittings for use with nylon, non-metallic conduit, which provide an IP66 seal as standard. Cable glands, terminal blocks, connectors and timer control switches all enhance the range of cable management products.

A UK Company with a Global Presence

Adaptaflex is headquartered in Coleshill, Birmingham, England. In the UK products are available through a national wholesaling network. A select group of 'Super' and 'Premier' distributors carry in-depth dedicated stocks, details of these companies are available on the Adaptaflex website.

Worldwide representation is assured through our regional subsidiaries in the USA and Australia. These subsidiaries offer full Sales and Marketing support via a network of agents and distributors in these specific markets. In other countries we have representation via a large network of distributors working in conjunction with our Export Sales team who are constantly travelling and supporting our overseas activities. We continue to develop our distributor base and international brand representation even further and currently our products are marketed in more than 40 countries from Europe to the Far East and the America's.



Markets and Industries

Adaptaflex flexible conduit systems are used to protect critical power and data cabling in a wide range of markets including;

- Commercial contracting
- Machine Tools
- Rail
- Marine
- Automation
- Security/CCTV
- Data Cabling
- Critical Power

Many components are designed specifically for a market solution. These products uniquely meet an industry's needs - solving an application requirement, providing product innovation, saving installation and component costs and improving the quality of the end product.

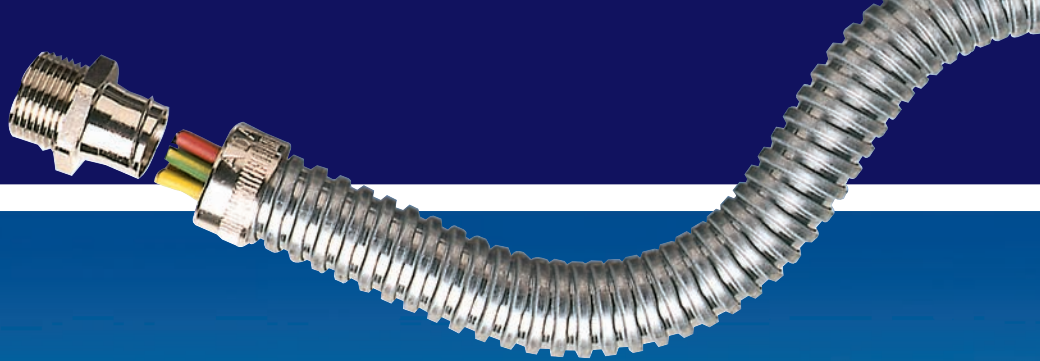
The company's commitment to independent testing across a wide range of applications has led to an impressive number of 'firsts':

- The first and only conduit manufacturer to achieve the BSI Kitemark,
- The first and only conduit manufacturer to achieve the BS EN ISO14001 Environmental Standard.
- The first manufacturer to achieve the new IEC 616386 conduit standard covering the performance characteristics of flexible conduits.
- The first to achieve Lloyds Register of shipping type approval for its non-metallic PR, PK and metallic LFH-SP and SPL products way back in 1995.
- The first to meet IP69K, DIN 40050, standard with its Adaptalok range of non metallic fittings.
- The first and only conduit manufacturer to offer a non-metallic conduit that is fully compliant to the new dual listed UL 1696 standard. Required for any equipment destined for export to the USA and Canada.
- The Hi-Spec PEEK range, designed for the most demanding electrical applications in rail, underground and public buildings, is the only non-metallic flexible conduit system fully compliant with both BS6583 Class 1A requirement and LUL engineering standard 2-01001-002



Introduction

QUALITY APPROVALS



Industry Standards

As one of the world leading flexible conduit system manufacturers, Adaptaflex has gained many international approvals. With company members on leading technical committees and actively looking at international standards, we are able to use our experience and knowledge to ensure safety and quality levels are maintained now and in the future.

We continuously monitor our own quality levels, but we also go that step further by having our products independently tested. As a result you don't have to just take our word for it, in contrast to some other companies our products are certified by independent third party agencies and standards so that you can have every confidence in our products.

Third Party Testing & Approvals

IEC61386 Performance Classification Standard

Adaptaflex is the first major conduit manufacturer to achieve third party accreditation to the EN50086/IEC 61386 Standard from the British Standards Institution (BSI). IEC61386 conformance guarantees that our products meet performance specifications for fatigue life, operating temperature, non-flame propagation, IP ratings amongst other criteria. IEC61386 has replaced EN50086.

BSI Kitemark

Adaptaflex is the only major conduit manufacturer to achieve third party accreditation through the BSI Kitemark scheme. The Kitemark is one of the world's premier symbols of trust, integrity and quality. Manufacturers with the Kitemark are an elite club of some of the world's best companies being annually tested to ensure continued compliance. Having the Kitemark associated with our products illustrates that we have satisfied the most rigorous of quality processes.

ISO9001 Quality Standard

Adaptaflex conform to ISO 9001:2000, the internationally recognised standard for Quality Management Systems. This standard reflects the procedures and management processes throughout the whole of the company.

BS EN ISO14001 Environmental Standard

Controlling the impact of manufacturing activities on the environment is a major challenge. Again Adaptaflex lead the way by being the first conduit manufacturer to comply with this Standard.

We also meet the requirements of EU directive 2002/95/EC on the restriction of the use of certain hazardous substances (RoHS). This forms part of the legislation on waste management and is aligned with the waste electrical and electronic equipment (WEEE). Specifically this means no lead, mercury, cadmium, hexavalent chromium; polybrominated biphenyls (PBB) or polybrominated diphenyl ethers (PBDE) are used in the manufacture of metallic and non-metallic flexible conduit systems.

Customer Support

All the proof you need backed up by full technical support team, sales teams, customer care team and in-house marketing specialists. All dedicated teams working together to ensure that you have the best of support in the market place.

