PRYSMIAN FP
THE ULTIMATE FIRE PERFORMANCE RANGE

www.fpcables.co.uk
THE PRYSMIAN FP RANGE, A GREAT INVESTMENT IN ANY BUILDING
FIRE TEST LABORATORY
For many years based onsite at our Special Cables Factory near Eastleigh, Prysmian’s staff of specialist engineers at the Fire Test Lab conduct hundreds of fire tests every year. The lab proves our existing products meet or exceed current fire tests and is an essential tool to develop the new cables and accessories needed to satisfy the increasing demands of clients, regulators, designers and installers.

INSUDITE™
Unique to Prysmian and the FP range, FP 200 Gold® and FP PLUS™ incorporate the hard skin fire resistant insulation, Insudite™. It’s highly durable, damage resistant and unlike the soft-skin silicone cables Insudite™ protects the cores from the nicks, abrasions and impacts commonly experienced during installation and termination. The hard-skin Insudite™ also eliminates the need for ferrules or special sleeving to protect the insulation when terminating into tight enclosures or junction boxes.

FP FIREFIX™
Clip with confidence and speed - Prysmian’s unique patented stainless steel clip for FP 200 Gold and FP PLUS is the fire resistant solution in the event of fire. FIREFIX fitted using the SPIT Pulsa gas nailing tool saves time and now available in single or double clip version it satisfies the whole installation.

DEDICATED FP CABLES WEB SITE
Simply visit www.fpcables.co.uk for all the technical and background information you need on Prysmian’s product range and industry issues. Product data sheets and guides to standards such as BS5839 can be viewed and downloaded.

www.fpcables.co.uk
ULTIMATE PERFORMANCE UNDER EXTREME CONDITIONS

When it matters most, you can be sure of a company that has an unrivalled reputation for high quality, cost effective fire resistant cables and accessories. Our customers have already demonstrated a high level of confidence in the Prysmian FP range, built on the high standards of performance and quality associated with FP cables over more than 30 years.

Through its significant investment in product and standards development, Prysmian offers an extensive range of independently approved fire protection cabling and matching accessories giving the right product for every application. Widely available on the market, the Prysmian FP range is easy to install, durable, reliable, cost effective and backed by the market leader in fire performance cables.

We are confident that the FP brand represents the highest possible quality standards and most importantly, the FP range meets all the necessary installation and performance criteria necessary to give the peace of mind that they will give the protection needed in the most extreme conditions.

PRYSMIAN FP100®, FP200 GOLD®, FP PLUS™, FP400® AND FP600S®

All Prysmian cables and accessories are manufactured under the Prysmian Quality Management System which is certified to ISO 9001 Individually designed to meet the exacting performance requirements for different installations

> Fire resistant
> Low smoke and corrosive gas emission
> Reduced flame propagation
> BASEC and LPCB approved
> Damage and abrasion resistant
> Easy and low cost installation
> Full range for various applications and installation needs
> Matching FP accessories

www.fpcables.co.uk
FIRE RESISTANT CONDUIT WIRE WHEN INSTALLED IN METAL CONDUITS AND TRUNKING

FP100® is an excellent choice for upgrading existing conduit based emergency lighting and fire alarm systems to current specifications.

IDEAL IN STEEL CONDUIT
- Ideal for rewiring existing conduit and upgrade to a fire resistant system or where the added mechanical protection or flexibility of a conduit or trunking system is required.
- May be used for emergency lighting, fire alarm systems and for other essential services.
- Tough robust insulation prevents damage during installation.
- LPCB approved: Visit www.redbooklive.com for current certificates
- Easy to install
- Fire resistant
- Flame retardant
- Afumex low smoke and corrosive gas emissions LSOH®
- Abrasion and damage resistant
- Moisture resistant
- Surge resistant
- Range of core colours

HARD SKIN STANDARD FIRE RESISTANT CABLE INCORPORATING PRYSMIAN UNIQUE INSUDITE™

The right choice for fire alarms, voice evacuation and emergency lighting with minimum installed cost.

THE DRESSABLE STANDARD OPTION
- The classic choice offering the most cost-effective balance of features for surface clipped fire alarm and emergency lighting installations complying with BS 5839 and BS 5266.
- The unique damage resistant Insudite™ insulation prevents termination and third party damage eliminating expensive rework.
- The original alternative to MICC with unmatched combination of rigidity, ease of bending and stripping.
- Superb voice and data transmission characteristics.
- BASEC approved: Visit www.basec.org.uk for current certificates
- LPCB approved: Visit www.redbooklive.com for current certificates
- Fire resistant
- Reduced flame propagation
- Fully screened
- Afumex low smoke and corrosive gas emissions LSOH®
- Moisture resistant
- Surge resistant
- Easy termination
- Fully screened
- No segregation required

THE DRESSABLE ENHANCED OPTION
- The right choice combining installation characteristics, temperature, longer, rougher enhanced fire test.
- Enhanced Insudite helps to eliminate nicks, cuts and scratches often experienced during installation but also third party damage after first or second fix.
- BASEC approved: Visit www.basec.org.uk for current certificates
- LPCB approved: Visit www.redbooklive.com for current certificates
- Fire resistant
- Reduced flame propagation
- Fully screened
- Afumex low smoke and corrosive gas emissions LSOH®
- Moisture resistant
- Surge resistant
- Easy termination
- Fully screened
- No segregation required
- Excellent data capability

WHY PRYSMIAN FP CABLES
- Cable / component warranties
- We Invest in new technology and product development
- Environmental & ethical policies and procedures
- Customer feedback system and continual analysis

INNOVATOR & LEADER
- Cable / component warranties
- We Invest in new technology and product development
- Environmental & ethical policies and procedures
- Customer feedback system and continual analysis

PRODUCT RANGE
- Cable & cable components
- Strong UK manufacturing
- RoHS / lead free products
- On site fire test facilities
There are no equivalents

FIRE RESISTANT ARMOURED POWER CABLE FOR ESSENTIAL SERVICES

The right choice to power emergency services in general buildings

Protection for Emergency Power
- Easy to install and terminate, gives substantial savings compared with MICC.
- Wide range of sizes available in long lengths.
- Robust armoured cable for added protection against damage, ideal for industrial applications.
- The general fire resistant power cable to protect emergency plant:
  > sprinkler pumps
  > smoke extractors and fire dampers
- FP400 has been the cable of choice for many projects and applications where previously only MICC had been approved for use.
- BASEC approved: Visit www.basec.org.uk for current certificates
- LPCB approved: Visit www.redbooklive.com for current certificates
- Fire resistant
- No special installation skills or tools
- Reduced flame propagation
- Low smoke and corrosive gas emissions LSOH®
- Highly damage resistant
- Moisture resistant
- Surge resistant

MARKETING SUPPORT
- Dedicated FP web portal - www.fpcables.co.uk
- Founder member of Voltimum - www.voltimum.co.uk
- Full data sheets available plus Technical Hotline (023 8029 5222)
- Technical Seminars can be provided on request

Product Benefits
- Third party approvals
- Cable designed for easy handling but robust performance
- Out Product Quality and ease of installation are best in class
- Full range of approvals including quality system, product and ad-hoc
# CABLE SPECIFICATIONS

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*Refer to www.fpcables.co.uk for full details of approval certificates

## COMPONENTS

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Arrows show direction of force. Full details of test conditions available on request.

## INSUDITE™

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<td>IMPACT (Impact resistance to BS2G230)</td>
<td>5N at 250mm</td>
<td>5N at 500mm</td>
<td>200%</td>
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<tr>
<td>ABRASION (At ambient BS2G230)</td>
<td>75 cycles to failure</td>
<td>4750 cycles to failure</td>
<td>6300%</td>
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<td>PUNCTURE</td>
<td>7N</td>
<td>20N</td>
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<td>62N</td>
<td>300%</td>
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<td>CUT THROUGH - SHARP OBJECT</td>
<td>7N</td>
<td>22N</td>
<td>300%</td>
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