



## **PRE-WIRED CONDUITS OUR CROWN JEWEL**

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**#1 IN PRE-WIRED CONDUITS**



**We conduct  
your energy**

# #1 IN PRE-WIRED CONDUITS FOR PRODUCTION CAPACITY

PM PLASTIC MATERIALS is a family owned company, founded in 1962, leader in the production of plastic conduit systems for electrical installations, with an yearly production capacity of more than 300 million meters and the most complete range of product solutions. Our catalogue offers all types of conduits and fittings enabling to perform any electrical installation in any European country. The extremely wide **pre-wired conduits line-up is definitely our crown jewel**. In 1995, we launched on the European market the innovative pre-wired conduits and, since then, we have kept on investing relentlessly in design, quality and technology of pre-wired conduits.



**+50**

YEARS OF EXPERIENCE IN ELECTRICAL CONDUITS PRODUCTION (SINCE 1962)



**1<sup>st</sup>**

LEADING EUROPEAN ELECTRICAL CONDUITS MANUFACTURER



COMPANY CERTIFICATION SINCE

**1994**



**10**

PRODUCT QUALITY MARKS





Nowadays, PM is the unrivalled number 1 manufacturer of pre-wired conduits, for production capacity and product range.

## #1 MANUFACTURER OF PRE-WIRED CONDUITS



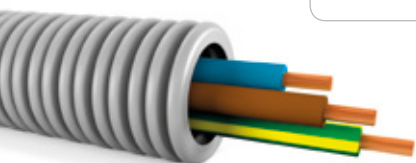
**+100<sup>mln</sup>**

METERS PER YEAR  
PRE-WIRED CONDUITS  
PRODUCTION CAPACITY



**700 SKU's**

OF PRE-WIRED CONDUITS



# #1 IN PRE-WIRED CONDUITS FOR PRODUCT RANGE

We offer the full range of pre-wired conduits, with more than 700 SKU's, enabling to carry out any installation system in all European countries.

We manufacture pre-wired conduits containing any type of cables:

- energy cables 750V and 1000V <HAR>, coaxial, telephone, data transmission, etc.
- type K, U and R cables, single and twisted cables
- Low Smoke Zero Halogen cables

All cables are IMQ <HAR> certified and CPR compliant.

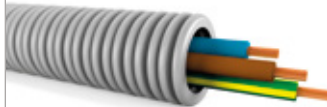
Our plastic conduits are made in polypropylene, self-extinguishing, compliant with the standards IEC 61386-1, IEC 61386-22, IEC 60754-1, IEC 60754-2, IEC 61034.2 and certified by all main European Quality Institutes. Moreover, our pre-wired conduits are pre-lubricated, in order to facilitate the threading of extra cables or the unthreading of cables in excess when needed.

## CONDUITS WITH LSF0H ENERGY CABLES

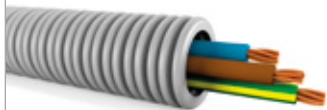
CPR CLASS: Cca, Dca



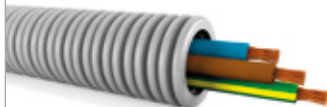
Pre-wired LSF0H conduits containing LSF0H energy cables are the ultimate solution that maximizes safety of electrical installations and protection of human lives and valuable assets in the event of fire. Recommended for electrical installations in buildings aimed at hosting high numbers of people, such as schools, hospitals, stations, shopping malls, museums, or in areas containing valuable assets (computers, art objects, etc).



H07Z1-U ENERGY CABLES



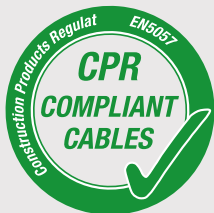
H07Z1-R ENERGY CABLES



H07Z1-K ENERGY CABLES



XGB - NYMH ENERGY CABLES



All cables pre-threaded in PM pre-wired conduits are compliant with the Construction Product Regulation (CPR) 305/2011/UE.

BASIC PERFORMANCE

F<sub>CA</sub> E<sub>CA</sub> D<sub>CA</sub> C<sub>CA</sub> B1<sub>CA</sub> B2<sub>CA</sub> A<sub>CA</sub>

TOP PERFORMANCE

Class of fire reaction

S (smoke)



C<sub>CA</sub> -s1b, d1, a1



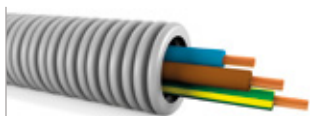
D (droplets)



A (acidity)

## CONDUITS WITH ENERGY CABLES

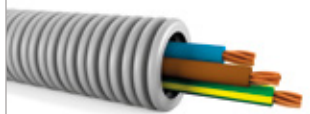
CPR CLASS: Eca



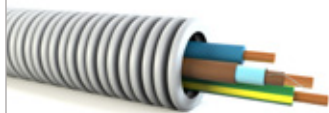
H07V-U ENERGY CABLES



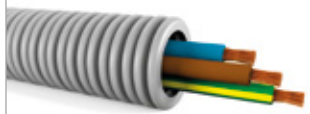
XVB, NYM-J ENERGY CABLES



H07V-R ENERGY CABLES



ANTI ELECTRIC FIELDS CABLES



FS17 ENERGY CABLES

## CONDUITS WITH SPECIAL CABLES

CPR CLASS: Cca, Dca



ALARM CABLES



DATA CABLES



TV COAXIAL CABLES



TELE-COMMUNICATION CABLES



DOMOTIC CABLES

## #1 IN PRE-WIRED CONDUITS FOR PACKAGING SOLUTIONS

In PM PLASTIC MATERIALS we know very well the installer's job and we strive to make it easier and easier, increasing safety at the same time!

With this objective in mind, we have conceived and developed unique packaging solutions that maximize the convenience of pre-wired conduits and make them easy to install, transport and stock.



### ZERO® Box

- ZERO TWISTING
- ZERO CHOKING
- ZERO WASTE OF TIME

**ZERO® Box** is the smart solution that ultimately simplifies the installation of pre-cables conduits: **the unique winding system allows the conduit to get out of the box perfectly straight, without twisting and choking and with no need of any uncoiling tools.**

**ZERO® Box** is made of heavy duty cardboard and is coated by PE film, thus being resistant to humidity and wear. Easy to carry and to stock.



# ROCKnROLL™

Change the music!



PM RocknRoll™ is a smart uncoiling system for long length coils of pre-wired conduits: **RocknRoll™ system has been designed for coils of conduits up to 500 meters long!** **The system is made of two parts: a special plastic reel on which the conduit is rolled up and a special trolley that allows to transport and unwind the conduit.**

- The system is fantastically easy to maneuver and tremendously convenient, because it doesn't require any extra tool.
- With RocknRoll™ system, moving around a long length roll is extremely easy and pipe unwinding is surprisingly smooth.
- Removing empty reels and mounting new coils on the trolley is very easy too.
- Plastic reels are heavy duty and reusable; at the end of their life, plastic gets recycled.
- RocknRoll™ trolley is foldable, thus greatly simplifying transport.

**PM RocknRoll™ heavily reduces conduit waste, compared to ordinary rolls.**



**PM PLASTIC MATERIALS**

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