

PRESS RELEASE

Page 1 of 2

One connection for all applications

"One fits all": FIPLOCK®ONE by FIP for all IP classes in cable protection

One for all: The FIPLOCK®ONE corrugated conduit connector by FRÄNKISCHE Industrial Pipes (FIP) matches all IP protection classes and is currently unique in the field of cable protection. The comprehensive range of connections includes cable protection products in different angles and with different thread types made of plastic or metal.

The high-quality corrugated conduit connection facilitates connection technology: While different IP protection classes used to require different connections for corrugated conduits, FIPLOCK®ONE now combines all protection class requirements in one product. "Our range of corrugated conduit connections – currently on the market – for any type of IP protection facilitates product selection, saves storage costs and reduces handling efforts for end customers. One fits all – high economic efficiency is guaranteed, and potential error sources are minimized already during application specification," Andy Girola, Managing Director International of FRÄNKISCHE Cable Management AG, explains the advantages.



The FIPLOCK®ONE fittings from the FIPSYSTEMS® cable protection program open up many connection options in industry, plant and tool engineering, power facilities, railroad engineering, and many other applications.

Comprehensive FIPLOCK®ONE product range

The FIPLOCK®ONE product line includes a comprehensive range of straight threaded connectors, threaded connectors at an angle of 45°, threaded connectors at an angle of the arc of 90°, threaded connectors for strain relief, and with female thread. All thread designs are available in plastic and metal and with different connections. T-distributors, Y-distributors, and the T-adaptor allow individually adjusted and flexible routing of wires and cables. The ARPA conduit reducer allows transitions to smaller nominal diameters, the AIPA conduit connector connects smooth metric or armored conduits with flexible corrugated conduits. All FIPLOCK®ONE components meet the requirements of the protection classes IP66 to IP69 in connection with the FIP standard corrugated conduits.

Easy push installation – continuous reliability

FIPLOCK®ONE ensures a reliable and durably tight connection of FIPLOCK® corrugated conduits with fine and coarse profile of NW 7 to NW 48. The pre-assembled, ready to install fittings made of specially formulated polyamide 6 offer utmost application safety: You just insert the corrugated conduit with a

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PRESS RELEASE

Page 2 of 2

slight turn into the pre-assembled adapter. When the conduit reaches the limit stop, this establishes a safe and reliable connection in all IP protection classes. If required, the installed unit can be re-opened using a slotted screwdriver, the fitting can be reused afterwards.

The pre-installed seal in the connector body permanently ensures the highest possible IP protection category also in demanding environments, narrow installation situations and use under dynamic loads. FIPLOCK®ONE boasts a high level of weather resistance as well as impact resistance and pull-out strength. The range of connections also meet highest fire protection standards.

Ready for global market access



The standard corrugated conduits and the corrugated conduit connection by FRÄNKISCHE Industrial Pipes are perfectly prepared for the international market. "The FIPLOCK® conduits and all FIPLOCK®ONE connections – with one exception – already feature the UL 1696 recognition which is required for exports to North America. We are working towards expanding the certification to the complete FIPLOCK® range for global market access", explains Andy Girola.

FIPSYSTEMS®: cable protection for every challenge

True to the motto "We simplify your World", FRÄNKISCHE Industrial Pipes and its FIPSYSTEMS® product range offer solutions to each and every challenge in industrial cable protection. In addition to the FIPLOCK® standard corrugated conduits and the FIPLOCK®ONE corrugated conduit connection, FIPSYSTEMS® includes, among others, FIPHEAT® high-temperature corrugated conduits. The corrugated conduits from the FIPMOTION® product line are highly dynamic, and the FIPSPLIT® two-piece corrugated conduits plus threaded connectors and accessories are ideally suited for retrofit cable protection. The FIPJACK® range encompasses textile protection hoses, FIPMETAL® includes metal protection hoses, and FIPSPECIALS® stands for special solutions that can be customized and tailored to the individual customers' needs whatever the requirement may be.

The FIPSYSTEMS® product range is ideally matched to a variety of applications in cable protection. The different types of corrugated conduits allow FIP customers to route their cables and wires flexibly and protect them effectively. Using the accessories, you can adapt the conduits reliably and install them easily at the equipment.

For more information, see www.fipsystems.com

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FRÄNKISCHE Industrial Pipes, headquartered in German Königsberg, specializes in top-quality corrugated tubes and conduits, corrugated tube systems, corrugated conduit systems and protective hoses for cable protection and fluid systems in the field of industrial and automotive applications. Standard products and customized systems are manufactured on 280,000 sqm of production area in Germany, Switzerland, the Czech Republic, Romania, Tunisia, Morocco, China, Mexico and the USA. They are typically used for automobiles and utility vehicles, in sanitary and swimming pool engineering, major appliances, air ducting systems, industry, home appliances, plant and tool engineering as well as in geothermal and solar energy systems.