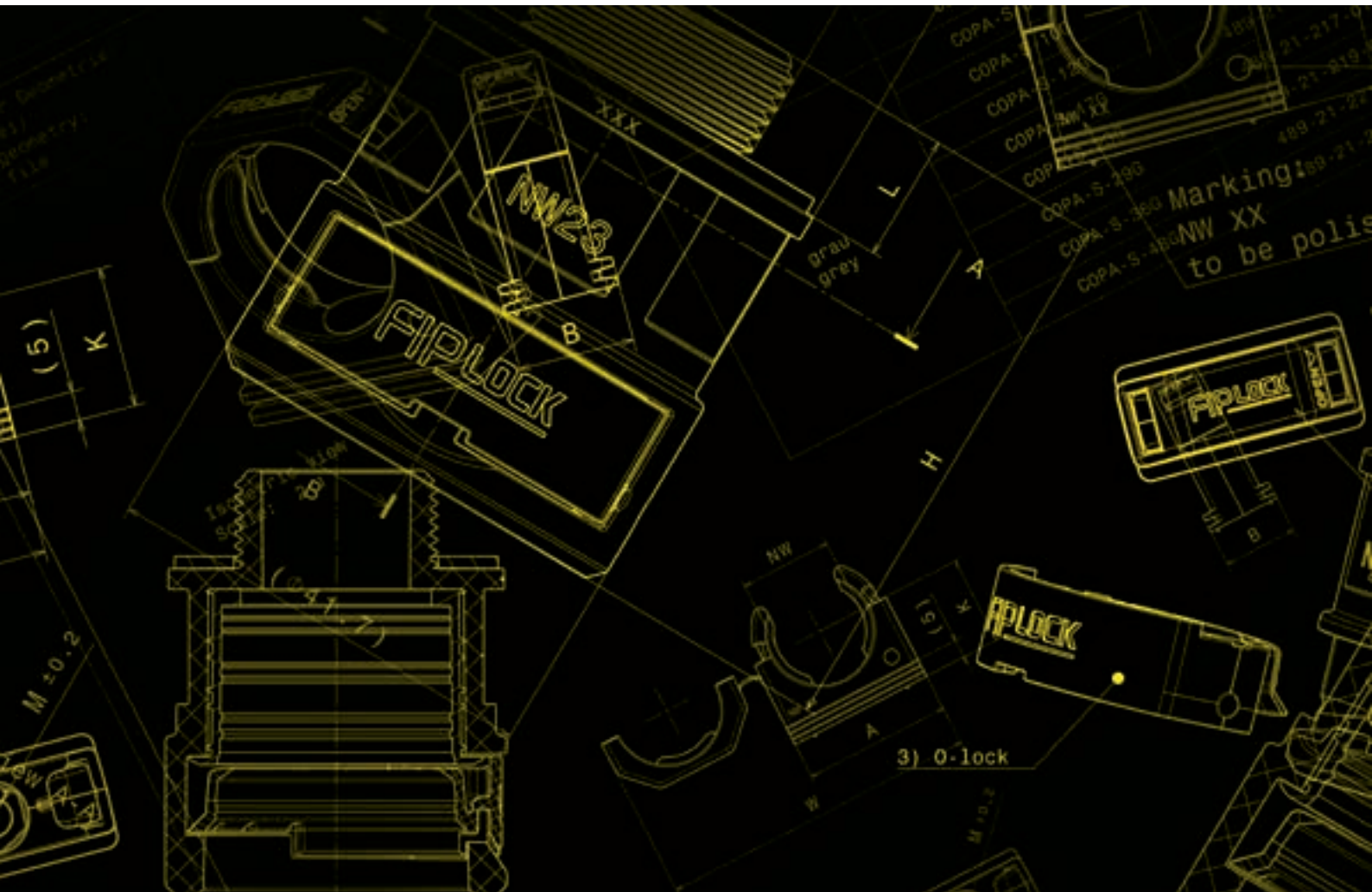


Technical information

# Applications for machine and plant engineering



**FIPSYSTEMS®**

# FIPSYSTEMS – industrial cable protection

FIPSYSTEMS®

Various demands are placed on conduits depending on the respective application. Most of the times, these are about protection against external influences. Cable protection protects against **mechanical** and **chemical** influences, **moisture**, **heat** and **cold**, **abrasion**, **impact**, and **noise** – a sheer endless number of applications not least including **robotics**, **telecommunications**, and **electronics** in general.

True to this importance of conduits, FRÄNKISCHE has repositioned its range of products for efficient cable protection. The new FIPSYSTEMS product range of FRÄNKISCHE Industrial Pipes GmbH & Co. KG offers a straightforward, transparent and highest-quality selection of cable protection components. This includes FIPLOCK and FIPHEAT corrugated conduits, FIPLOCK ONE threaded connectors, and FIPMETAL metal cable ducts as well as matching accessories.

## High-quality FIPSYSTEMS corrugated conduits

In the future, FRÄNKISCHE will offer two high-quality corrugated conduits from the FIPLOCK product line: FPANF – made of polyamide (PA) 6 –, FPPSF-U – UV-resistant for 20 years –, and FTSPS – highly temperature-resistant – from the FIPHEAT product line. FPANF is UL-approved which is established internationally and a mandatory requirement for exports to North America.

FIPLOCK®

FIPHEAT®

## FIPLOCK ONE: one threaded connector for all applications

The FIPLOCK ONE corrugated conduit connection is new to the range of cable protection products. The robust connector covers all protection classes from IP 66 to the highest protection class IP 69 and therefore replaces all previous threaded connectors. All threaded connectors are UL-approved, halogen-free and UV-resistant for up to 40 years.

FIPLOCK® ONE

## One threaded connector for all FIPMETAL conduits

FRÄNKISCHE will now pool all metal cable ducts in the FIPMETAL product line. Here, MC-GAAR, MC-DMA-PVC, and the UL-approved cable duct MC-DMC-PVC cover the requirements in electrical installations. One threaded connector, combined with the corresponding sealing ring, matches all three types of pipe.

FIPMETAL®

KSP programme	Description	New FIPSYSTEMS programme
FFMYD	Plastic corrugated conduit PA6	FPANF
FFHY	Plastic corrugated conduit TPE	FTSPS
FFPYL-MOD-BS-UV	Plastic corrugated conduit PP-UV	FPPSF
FKC Click M IP66 and IP68	Plastic straight threaded connector m	ASPA-M
FKC-B90 Click M IP66 and IP68	Plastic threaded connector, 90 bend m up to NW 12	AWPA-M
FKC-B90 Click M IP66 and IP68	Plastic threaded connector, 90 bend m from NW 17	AEPA-M
FKC-M Click coupling IP66 and IP68	Plastic coupling	ACPA
FE-K end sleeve	Plastic end sleeve	PETP
FE-KA outlet end sleeve	Plastic outlet end sleeve	PTTP
FCL	Plastic corrugated conduit holder	COPA-S
FFMSS	Protective metal hose, galvanised steel strip	MC-GAAR
FFMSS-K-FD	Protective metal hose, galvanised steel strip / PVC	MC-DMC-PVC
FFMSS-K	Protective metal hose, galvanised steel strip / PVC	MC-DMA-PVC
FMV and FMV-FD	Threaded metal connector, nickel-plated brass	MS
FME	Metal end sleeve, nickel-plated brass	ME
FFKSS-SW	Plastic spiral conduit, PVC / spring steel wire	FFKSS-SW
FFKSS-KW	Plastic spiral conduit, PVC / hard plastic coil	TCXG
FKV-SW	Plastic threaded connector for FFKSS-SW	FKV-SW-K
FKV-KW	Plastic threaded connector for FFKSS-KW	RCX-MG
FGKM	Plastic locknut PA6, metric	NTPA-M
FGMM	Plastic locknut, nickel-plated brass, metric	NTBN-M

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# New FIPSYSTEMS programme

## Pictogram explanation



Industry



Solar industry



Wind energy



Railway / transport



Railway track auxiliary applications



Robotics



Shipbuilding



Chemistry



Telecommunication



Other applications

Product	Description										
FPANF	Plastic corrugated conduit PA6	×									×
FTPSF	Plastic corrugated conduit TPE	×							×		×
FPPSF	Plastic corrugated conduit PP-UV	×	×	×		×			×	×	×
ASPA-M	Plastic straight threaded connector m	×	×	×	×	×	×	×	×	×	×
AWPA-M	Plastic threaded connector, 90 bend m up to NW 12	×	×	×	×	×	×	×	×	×	×
AEPA-M	Plastic threaded connector, 90 bend m from NW 17	×	×	×	×	×	×	×	×	×	×
ACPA	Plastic coupling	×	×	×	×	×	×	×	×	×	×
PETP	Plastic end sleeve	×	×	×	×	×	×	×	×	×	×
PTTP	Plastic outlet end sleeve	×	×	×	×	×	×	×	×	×	×
COPA-S	Plastic corrugated conduit holder	×	×	×	×	×	×	×	×	×	×
MC-GAAR	Protective metal hose, galvanised steel strip	×	×	×	×			×			×
MC-DMC-PVC	Protective metal hose, galvanised steel strip / PVC	×	×					×	×		×
MC-DMA-PVC	Protective metal hose, galvanised steel strip / PVC	×	×					×	×		×
MS	Threaded metal connector, nickel-plated brass	×	×	×	×			×	×		×
ME	Metal end sleeve, nickel-plated brass	×	×	×	×			×	×		×
FFKSS-SW	Plastic spiral conduit, PVC / spring steel wire	×									×
TCXG	Plastic spiral conduit, PVC / hard plastic coil	×									×
FKV-SW-K	Plastic threaded connector for FFKSS-SW	×									×
RCX-MG	Plastic threaded connector for FFKSS-KW	×									×
NTPA-M	Plastic locknut PA6, metric	×	×	×	×	×	×	×	×	×	×
NTBN-M	Plastic locknut, nickel-plated brass, metric	×	×	×	×	×	×	×	×	×	×

**Did you know that? All our products are REACH compliant!**



# FRÄNKISCHE

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