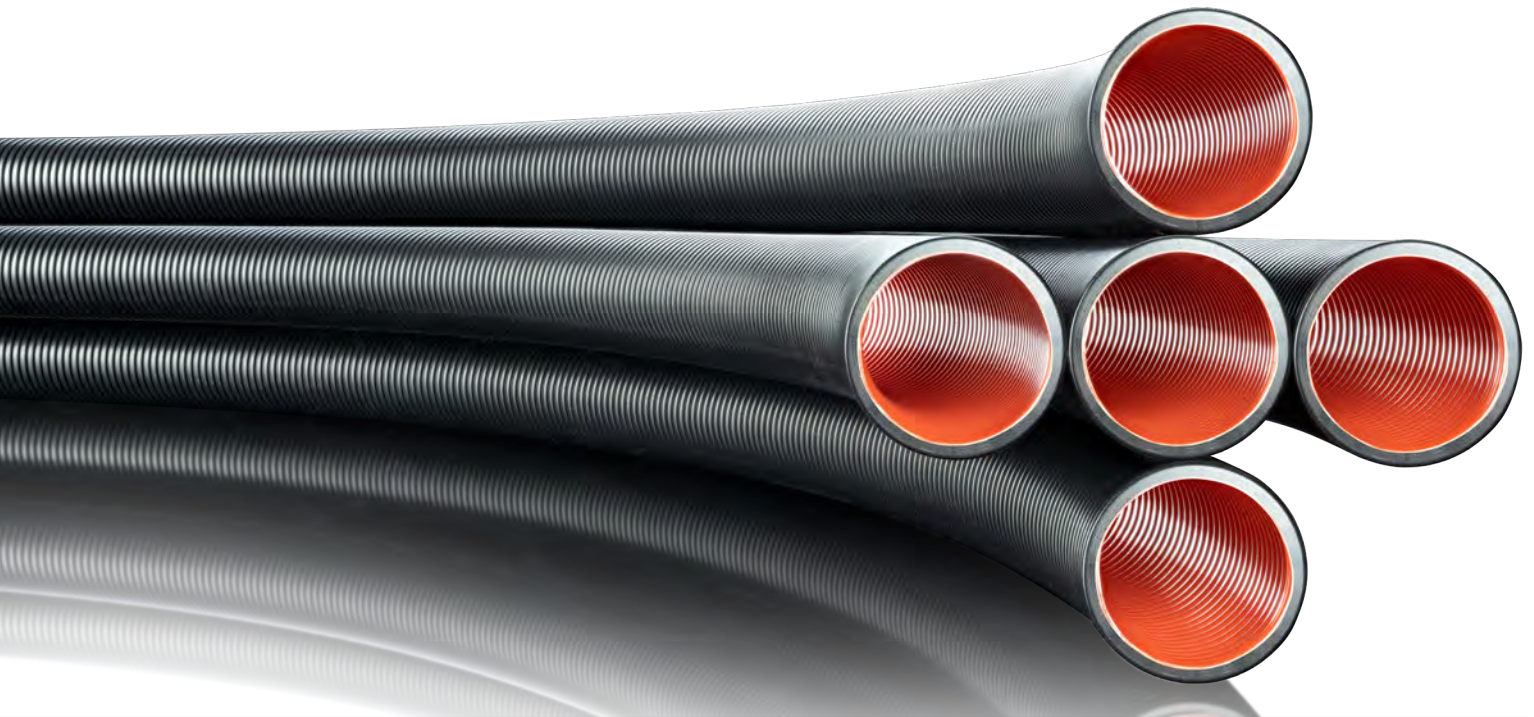


THE NEW GENERATION +



WE ARE SETTING THE COURSE AGAIN



NEW MULTILAYER TECHNOLOGY.

Multilayer corrugated conduit with inner and outer layers for more protection and safety. The new FLEXA multilayer technology enables an absolutely novel combination of materials with optimized product properties for the railway sector. In an innovative multilayer manufacturing process, a corrugated conduit is produced with two layers of different materials and offers innovative protection in the following areas:

- Jumper cables
- Cables on bogies
- Roof installations and underfloor areas

Safety based on quality.

THE ABRASION INDICATOR.

Due to their extraordinary quality, multilayer corrugated conduits are particularly abrasion-resistant and durable. The two different colored polyamide layers indicate the corresponding degree of wear and thus ensure timely detection of signs of wear in the sense of predictive maintenance.

- Predictive maintenance
- Abrasion indicator for mechanical stress
- Extremely durable and abrasion resistant



COMBINATION WITH EXISTING PRODUCT RANGE.

Together with the well-known and proven FLEXA product range consisting of connection elements and accessories in different sizes, the new ROHRflex+ corrugated conduits with their new and innovative multilayer technology offer a sustainable and comprehensive cable protection solution for the rail vehicle industry.



The most important advantages at a glance.



- Outstanding mechanical properties
- Excellent dynamic properties
- Best alternating bending properties even at low temperatures
- Abrasion indicator under mechanical load
- Very good weathering and UV resistance
- Clear color coding: no confusion during installation
- Easy pulling in of cable lines
- Compatible with existing product range
- 100% recyclable

100% RECYCLABLE



EXCELLENT RESISTANCE TO BENDING

EN 45545 HL2 / HL3



VERY GOOD WEATHER AND UV RESISTANCE

 **HL3**

 **HL2**



ROHRflex PA 12+



Multilayer corrugated all-plastic tubing, internally and externally corrugated, especially for outside applications

MATERIAL

plastics mod. [PA12] outside (black), plastics mod. [PA12] inside (red)

PROPERTIES

- high alternate bending strength under extreme climatic conditions
- oil and benzine resistant
- widely resistant to acid and solvents
- free of silicone, cadmium, halogen
- highly self-extinguishing
- flame retardant
- UV-resistant
- REACH and RoHS compliant

V2 [UL 94]

⌚ - 50°C ... +120°C ^ +150°C

EN 45545-2 [HL 2]



HL2



UV

REACH

RoHS



ROHRflex PA 12 F+



Multilayer corrugated all-plastic tubing, internally and externally corrugated, especially for outside applications

MATERIAL

plastics mod. [PA12] outside (black), plastics mod. [PA12] inside (orange)

PROPERTIES

- high alternate bending strength under extreme climatic conditions
- oil and benzine resistant
- widely resistant to acid and solvents
- free of silicone, cadmium, halogen
- highly self-extinguishing
- flame retardant
- UV-resistant
- REACH and RoHS compliant

EN 45545-2 [HL 3]



HL3



UV

REACH

RoHS

