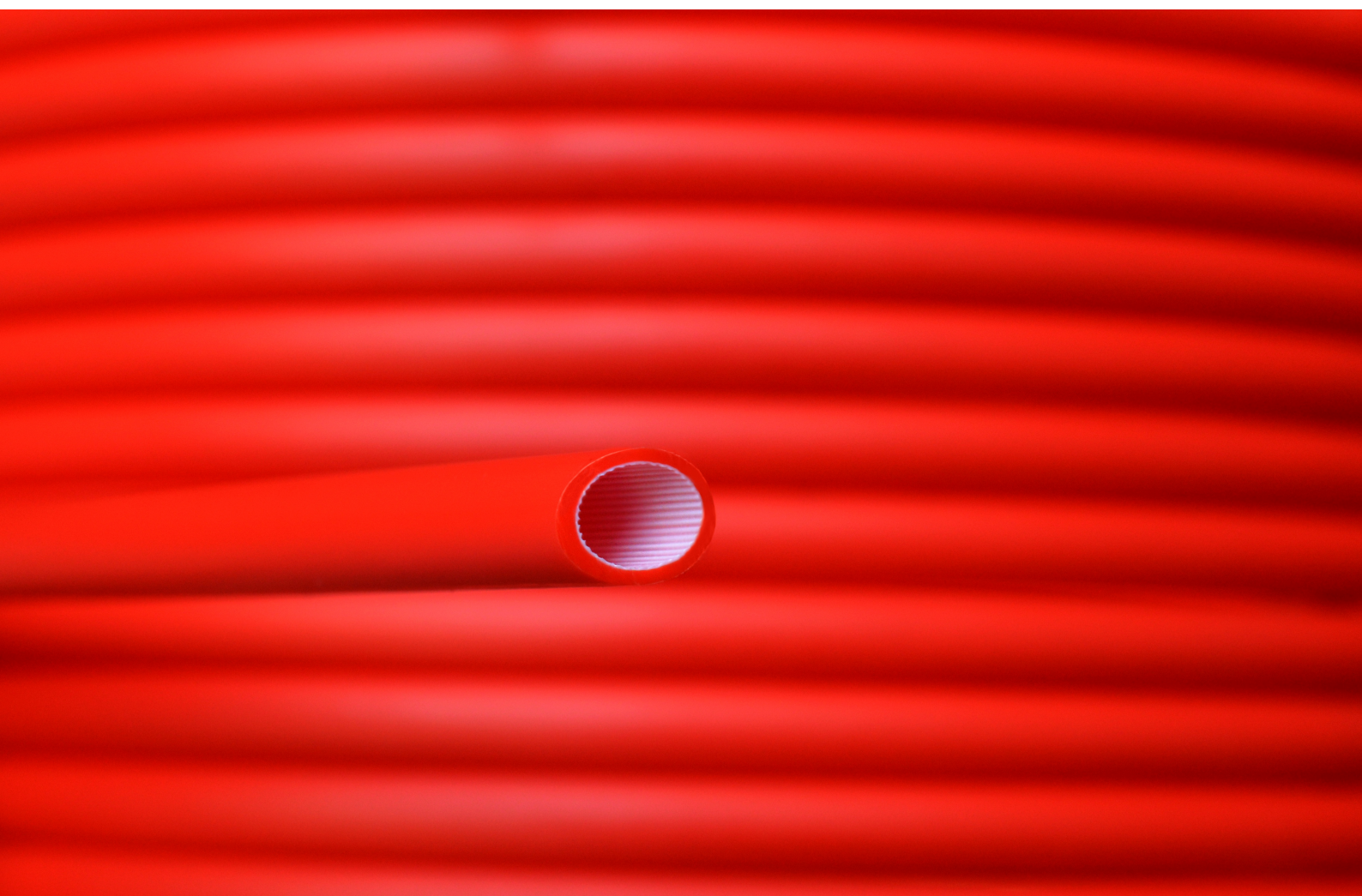


FiberGuard

MICRODUCTS FOR FIBRE OPTICAL CABLES



FiberGuard

MICRODUCTS FOR FIBRE OPTICAL CABLES

Application:

FiberGuard pipes were designed for protection of fibre optical micro cables and for creating access networks. Specially designed smooth inner profile enables easy fiber installation in long sections. High flexible, it can be used in places not easily accessible. The use of pipes enables easy replacement of old optical fibre types to new ones.

The single microducts can be prefabricated in bundles.

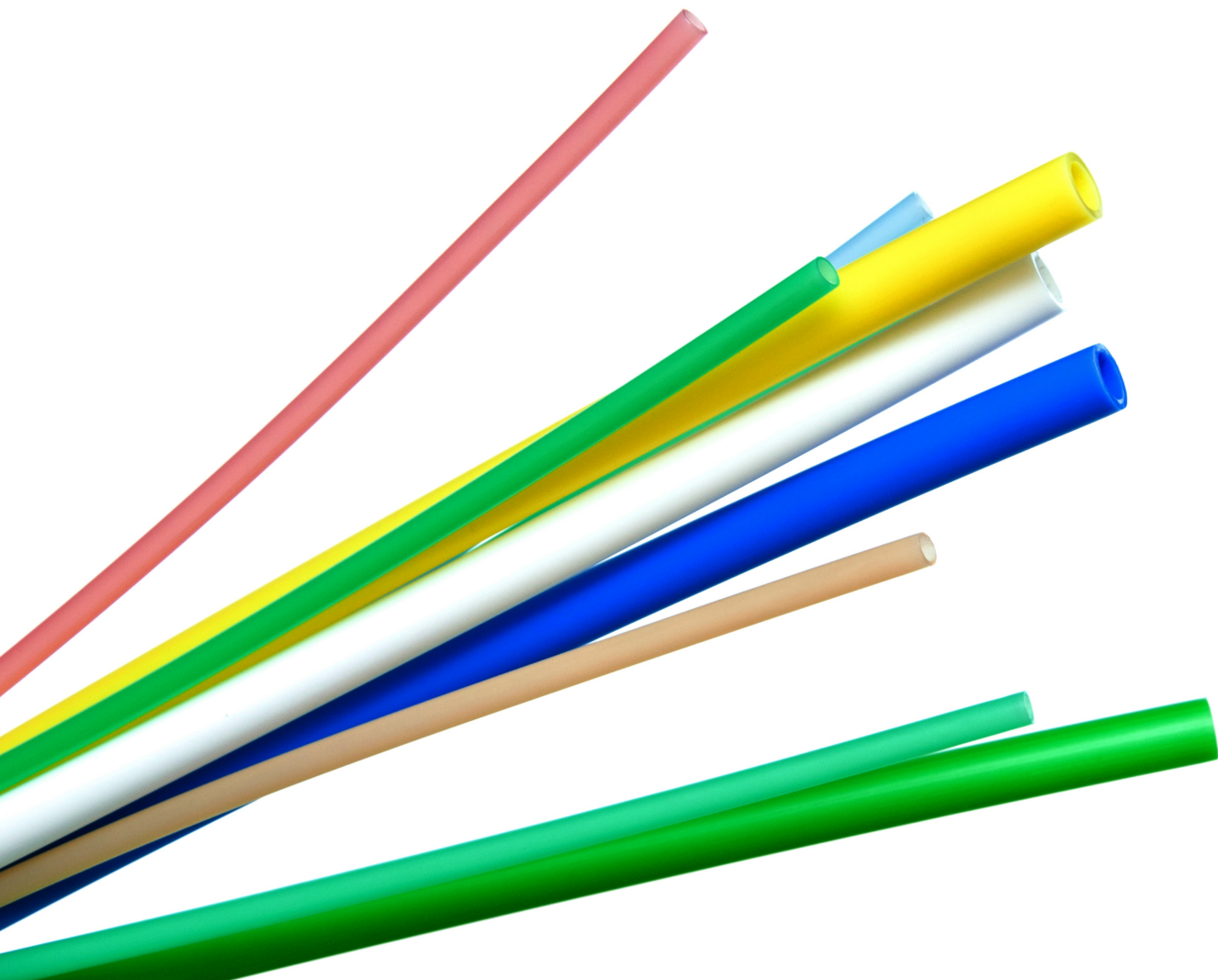
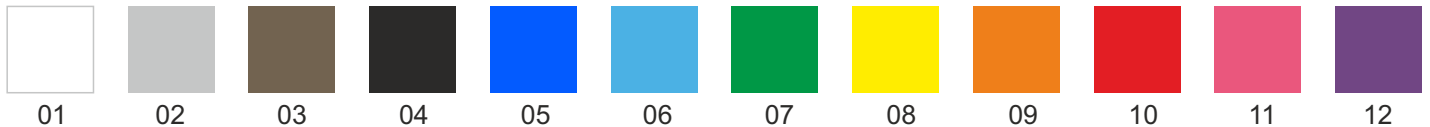
FiberGuards are delivered on the wooden drums.

Characteristics of material:

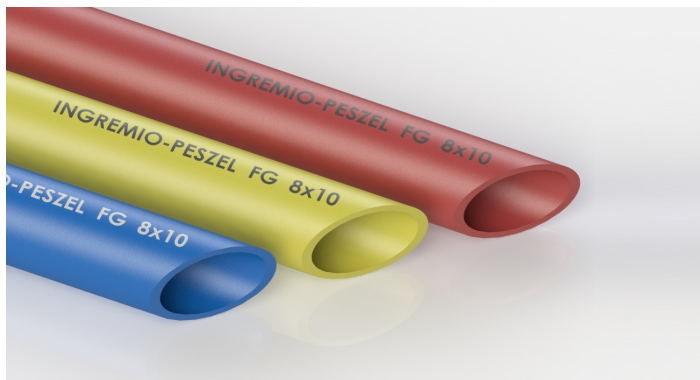
Material is medium density polyethylene copolymer grade. The product has very good Elmendorf tear strength and Dart drop resistance, high thermal resistance, resists to most of chemical compounds, good dielectric properties. The grade contains antioxidants and acid scavenger.

Pipes marked „S” contain ultra high molecular silicon. Pipes marked „FR” contain standard flame retardant. Pipes marked „HFFR” contain halogen free flame retardant.

Available Colours:



FiberGuard FG



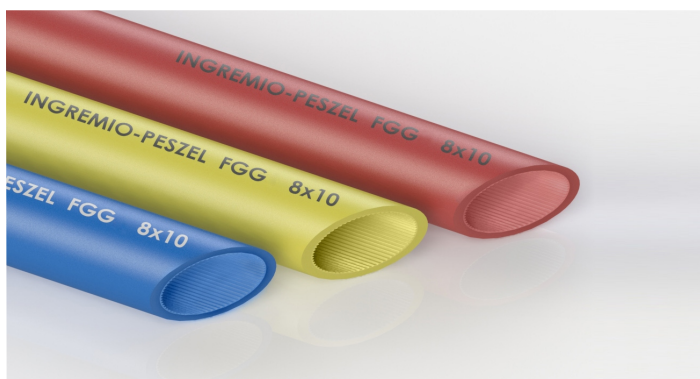
FG
FG-FR
FG-HFFR



Inner profile: **smooth**
Coefficient of friction: **0,12**
Internal pressure resistance: **15 bar**
Material: **polyethylene mod. (MDPE mod.)**

Flammability: **FG flammable** **FG-FR self-extinguishing** **FG-HFFR halogen free self-extinguishing**

FiberGuard Grooved



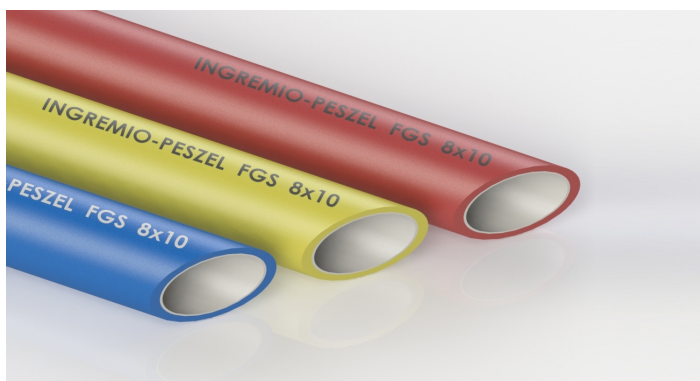
FGG
FGG-FR
FGG-HFFR



Inner profile: **grooved**
Coefficient of friction: **>0,12**
Internal pressure resistance: **15 bar**
Material: **polyethylene mod.**

Flammability: **FGG flammable** **FGG-FR self-extinguishing** **FGG-HFFR halogen free self-extinguishing**

FiberGuard Silicon



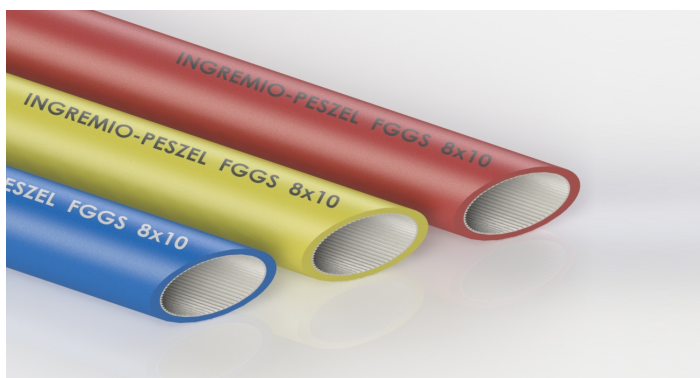
FGS
FGS-FR
FGS-HFFR



Inner profile: **smooth**
Coefficient of friction: **0,07**
Internal pressure resistance: **15 bar**
Material: **polyethylene mod., silicon compound**

Flammability: **FGS flammable** **FGS-FR self-extinguishing** **FGS-HFFR halogen free self-extinguishing**

FiberGuard Grooved Silicon



FGGS
FGGS-FR
FGGS-HFFR



Inner profile: **grooved**
Coefficient of friction: **>0,07**
Internal pressure resistance: **15 bar**
Material: **polyethylene mod., silicon compound**

Flammability: **FGGS flammable** **FGGS-FR self-extinguishing** **FGGS-HFFR halogen free self-extinguishing**

FiberGuard MICRODUCTS FOR FIBRE OPTICAL CABLES

List of standard diameters

Symbol	Inside diameter (mm)	Outside diameter (mm)	Wall thickness (mm)
5/3,5	3,5	5	0,75
7/3,5	3,5	7,0	1,75
7/5,5	5,5	7,0	0,75
10/6,0	6,0	10,0	2,0
10/8,0	8,0	10,0	1,0
12/8,0	8,0	12,0	2,0
12/10,0	10,0	12,0	1,0
14/10,0	10,0	14,0	2,0
14/12,0	12,0	14,0	1,0
16/12,0	12,0	16,0	2,0

AVAILABLE ACCESSORIES

The solution fibre-line. The plug-in connection system for sensitive optical fibres is manufactured without metal components and thus assures the reliable transmission of data free of disturbances. By virtue of the catch, the microduct conduits are connected in a doubly safe and durable manner. Synthetic clamping sleeves maintain the conduits in an unalterable position.

CONNECTORS



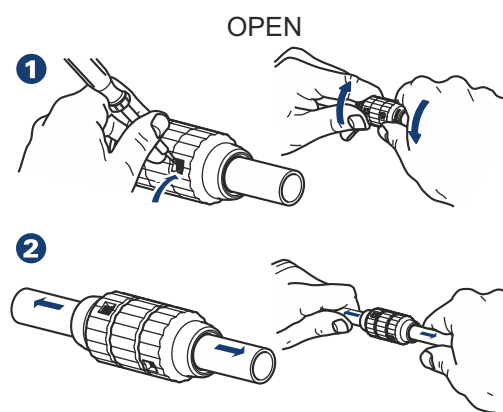
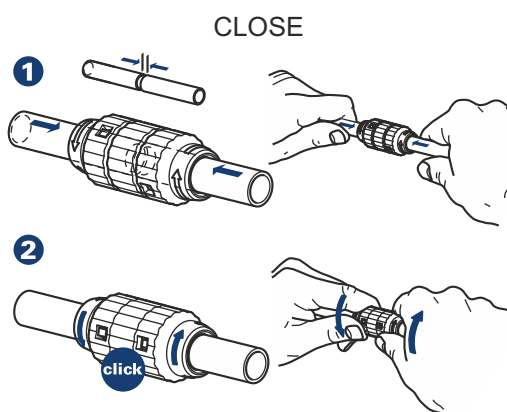
REDUCTIONS



STOP ENDS



ASSEMBLY INSTRUCTION



The specification can be subject of change without notice.



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