

GROUTING HOSE IH 18/10

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CHARACTERISTIC

The grouting hoses are designed for multiple grouting of working and dilatation joints in the concrete structures that are permanently or alternately exposed to ground, sewer or surface water. The grouting medium, generally the polyurethane resin, is injected into the joint by means of the grouting hose IH 18/10. The IH 18/10 grouting tube can also be used for grouting with micro-cement. The grouting hose is a single-walled PVC-based hose with holes resp. conical grooves which slightly converge from inside out. These holes are designated for exit of the pressured grouting material and for subsequent sealing of joints in the concrete construction. The holes are closed using a special geometry and they effectively prevent the penetration of cement mixture into the grouting hose. The grouting hose IH 18/10 is designated for longer working sectors.

APPLICATION OF GROUTING HOSE

The grouting hose is connected to the pump by the packer VPIH M10 (on the formwork) or by the packer OPIH M12 (outside of the formwork). The extension hose PH 18/10 and the connection screw M12 are used to connect the grouting hose and to lead it outside of the concrete construction. The grouting hose IH 18/10 is fixed to the concrete construction by a clamps (metal/plastic). For grouting with microcement, special nipples and couplings must be used for connection to the cement pump.

TECHNICAL DATA

Designation	Description
Material	W-PVC, plasticiser DEHP without diffusion
Color	grey
Inside diameter (mm)	10 mm
Outside diameter(mm)	18 mm
Minimum pressure for the output of the grouting material	0,2 Bar
Resistance to the outside pressure	6,3 Bar
Max. Length of grouting sector	30m (PUR), 10 m (cement)
Output hole in hose	8-10 mm
Weight	0,240 kg/m
Arrangement of holes in hose	Every 20 mm in the axial cross
Packing	Roll of 50 m
Storage	Protect from frost and direct sunshine
Durability	5 years

HEALTH SAFETY

Materials used are for the given purpose non-toxic and not damaging to one's health.

IMPORTANT

The manufacturer guarantees the constant quality of the product when sold in closed original packaging. Terms of using must be observed. Factors other than the standard, such as climatic conditions, type and condition of the source, application procedure, unrecommended mixes and other factors, may limit the effect. The manufacturer does not accept any risks of this kind.