

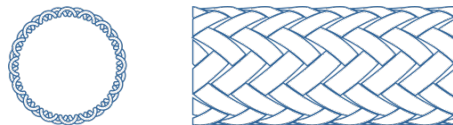
IZOPLET

Braided insulating sleeves

Description

The IZOPLET sleeves consist from nonflammable high-temperature threads with low thermal conductivity. They're very flexible and have great breaking strength, great chemical resistance and good dielectric properties.

Sleeves structure



Application area

Sleeves are used for pneumatics hose protection, hydraulics and cooling and also for control wires, high voltage cables and different manufacturing processes sensors from exposure high temperature, molten metal and glass splashes.

Sections shape *



* standard shape - circle, other shapes are possible on request

Items					
IZOPLET-30	+300	+500	-	-	4-80
IZOPLET-50	+550	+700	0,22	2	2-150
IZOPLET-70	+700	+900	0,24	2	2-150
IZOPLET-90	+850	+1000	0,22	15-18	4-80
IZOPLET-120	+1100	+1250	0,26	15-18	4-80
IZOPLET-130	+1100	+1350	0,22	1	4-150

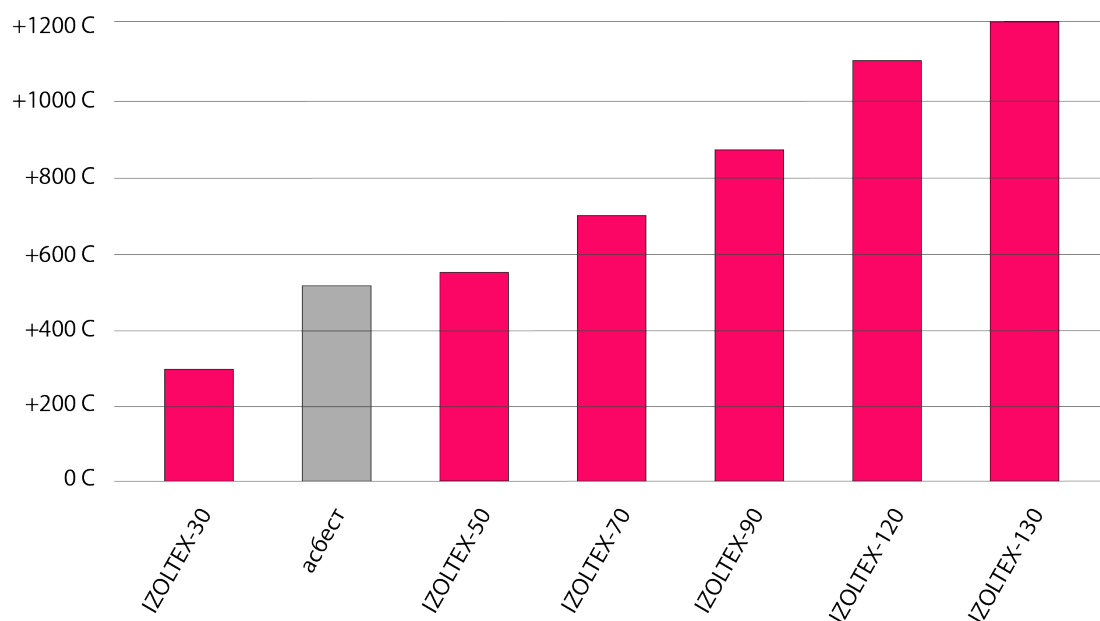
 application temperature [C]

 short-term application temperature [C]

 heat conduction at +600 C [W/mK]

 burning mass loss [%]

 section sizes [mm]



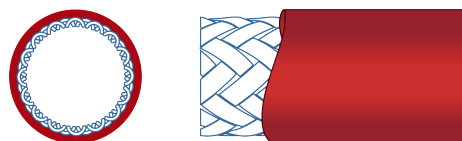


IZOPLET sleeves with coatings

Description

Heat-insulating sleeves with coatings consist of a textile base from high-temperature threads and an external layer based on high-temperature silicon. The outer layer provides scratch resistance, protection from pricking, abrasion, soaking and has good dielectric features.

Structure of sleeves with coatings



Application area

Sleeves with coatings are used for protecting cables, hydraulic and pneumatic hoses, different manufacturing processes sensors. The coating is able to resist to molted metal and glass splashes, most of reactive environments and petrol, oil and lubricants.

Sections shape *



* standard shape - circle, other shapes are possible on request

Items	textile base		coating		Ø
IZOPLET-50S	+550	+700	+300	+1000	10-150
IZOPLET-70S	+700	+900	+300	+1000	10-150
IZOPLET-130S	+1100	+1200	+300	+1000	10-150



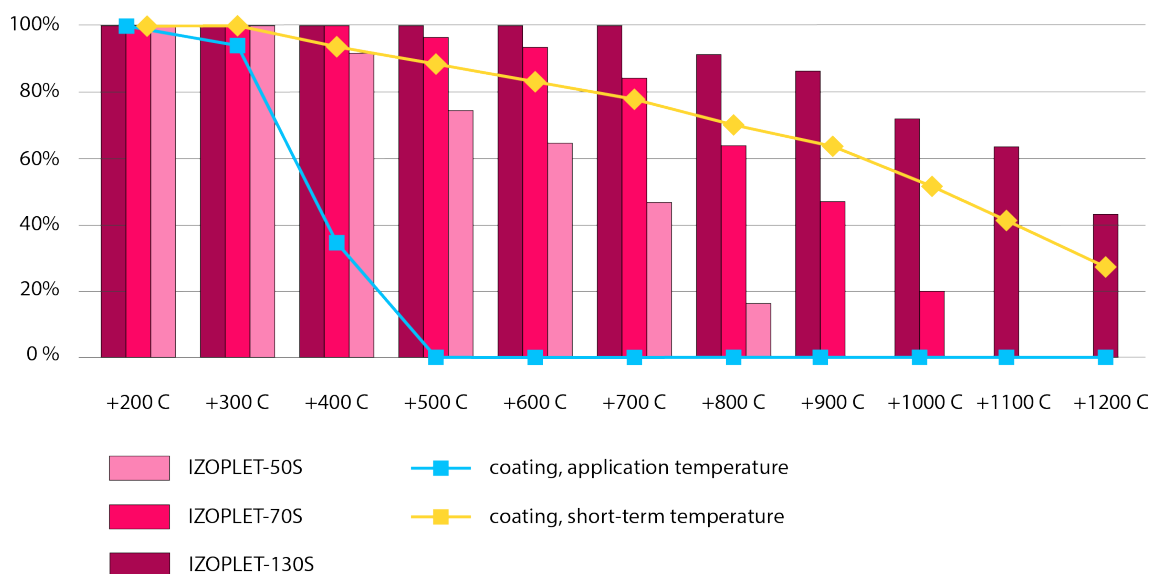
application temperature [C]



short-term application temperature [C]



section sizes [mm]



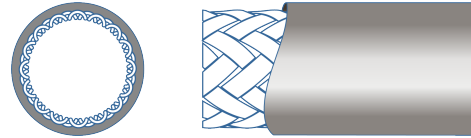


IZOPLET sleeves with reflective surface

Description

The insulating sleeves with reflective coatings consist of a high-temperature base and metal foil which is used as a shield from infrared exposure.

Structure of sleeves with reflective surface



Application area

The sleeves of this group are used for cooling, pneumatic and hydraulic system hoses protection, as well as for conductors, wires and manufacturing processes sensors protection from exposure to infrared radiation from heaters and furnaces.

Sections shape *



* standard shape - circle, other shapes are possible on request

Items	textile base		coating	glue	Ø
IZOPLET-50A	+550	+900	+650	+200	10-150
IZOPLET-70A	+700	+800	+650	+200	10-150
IZOPLET-90A	+850	+1000	+650	+200	10-150
IZOPLET-120A	+1100	+1200	+650	+200	10-150
IZOPLET-130A	+1100	+1350	+650	+200	10-150



application temperature [C]



short-term application temperature [C]



section sizes [mm]

