

ALUflex® PUR



ALUflex® PUR is used as a supply cable for building switchboards and is highly resistant at the construction site due to the robust jacket of PUR.

ALUflex® PUR is incredibly flexible and the weight is reduced by approximately 50% compared to similar copper cables. Metal value is somewhat lower than the coveted copper cables which are targeted by burglars these days

The low weight also leads to an improved working environment by manual handling of the cable.

ALUflex® PUR can be used in both dry, damp and wet environments and is futhermore suitable for installation in cable ducts, trays and channels, and inside and outside buildings.

ALUflex® PUR has a very high resistance to abrasion, it is oil resistant acc. to EIN 60811-404, and it is UV-resistant.

Benefits

- ✓ I OW WEIGHT
- UV-RESISTANT
- ✓ FLEXIBLE
- CONDUCTOR TEMP. 90°C
- ✓ OIL RESISTANT
- NOT INTERESTING FOR BURGLARS
- ✓ WITHSTANDS MOISTURE ✓
- HIGH ABRASION RESISTANCE







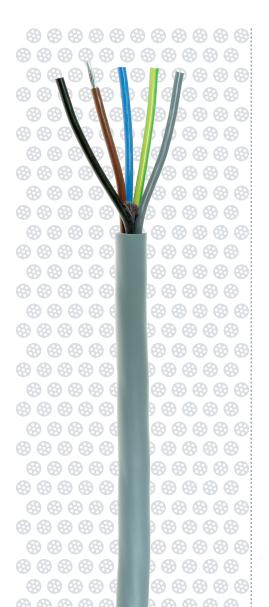
ALUflex® PUR

LOW VOLTAGE 0,6/1 kV



HD 603 S1





DESIGN

ALUflex® PUR - the flexible aluminium cable

Conductor

Aluminium (DIN 1712)

Conductor color

5 conductors green/yellow, blue, brown, black, grey

Isolation

XLPE 1 mm

Outer jacket

PUR, grey jacket RAL 7000, running meters

Dimensions 5G16 mm²

APPLICATION

ALUflex® PUR is particularly useful as supply cable to building switchboards and has a robust jacket of PUR, which makes it even more resistant.

A major advantage of the cable is that it is not attractive to burglars compared with the very coveted copper cables.

****** CHARACTERISTICS



Min. working temp. -40°



Max. working temp. 90°

Low voltage

cable



Max. short circuit temp. +250°



UV resistant



Resistant towards olis and chemicals

❖ INSTALLATION CONDITIONS



Withstands moisture



Withstands freezing



For permanent outdoor installation



Outsoor decommisioning



Can lay in tubes



Metermærket

Bending

radius



Flexible

