

Technical datasheet glasfiber sleeve : Type C 1401

Description

Glasfiber sleeve type C 1401.

Applications

Protection of cables, wires and hoses against extreme heat and fire.

Basic Material

E-glass continuous fiber.

Chemical Composition in % of weight

SiO ₂	53 - 55
Al ₂ O ₃	14 - 15
B ₂ O ₃	6 - 9
CaO + MgO	20 - 25
NaO ₂	< 1
F	0 - 0,7

Average filament diameter (µm) according to DIN 53811

9

Standard tolerance

0,8 +/- 0,2

Binder

none

Combustibility

not flammable

Treatment

heat cleaned sleeve

Colour

gold-brown

Chemical characteristics

Chemical resistance

resistant to hydraulic fluids, most acids and chemicals, lubricating oils and fluids

Thermal characteristics

Continuous using temperature (°C)

450°C

Heat class

E-B-F-H-C

Health hazards

Inhalation:

Acute irritation of the mouth, nose and throat

Chronic none

Skin contact:

Acute transient mechanical irritation

Chronic none

Delivery forms

Int.diam. (mm)

0,5 up to 65

Wall thickness (mm)

0,3 to 1,5 mm

Make-up

rings of 100 metres

All above product data are based on values obtained during the material production and are not a guarantee of warranty. They are presented for consideration and verification only and are not to be used for specification purposes. The product is subject to limited warranties. Data can and may be changed without notice.