

INTU STRIP FS

Intumescent seals (with adhesive tape)

TDS Technical Data Sheet



.INTUSEAL®
passive fire protection manufacturer

www.intuseal.com

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→ PRODUCT DESCRIPTION

The firestop seal with self-adhesive tape **INTU STRIP FS** is made of graphite-based material and equipped with self-adhesive layer. The material swells under the influence of high temperature, increasing its volume 35 times. The expanding product prevents the spread of fire through joints and gaps in the fire door. Fire resistance class up to **EI 240***.

→ APPLICATION

The **INTU STRIP FS** is designed for sealing gaps in fire doors.

→ INSTALLATION METHOD

The seal is mounted around the door in previously prepared grooves. In order to install the seal, remove the protective layer of the adhesive tape, align the seal and press it exactly at the milled groove along its entire length. Seals should not be cut after applying to surface.

→ TECHNICAL PROPERTIES

Color	black
Self-adhesive tape	YES
Type of glue	synthetic rubber
Thickness [mm]	2,0; 2,5
Width [mm]	15 ÷ 58
Length [m]	50; 100
Density [g/cm ³]	1,2 ± 15%
Swelling temperature [°C]	Ca. 150
Swelling ratio	≤ 35,97
Swelling pressure [N/mm ²]	Ca. 0,815
Fire resistance	Max. to 240 minutes
Thermal conductivity λ [W/mK]	0,4049

→ AVAILABILITY

- rolls with a length of 10/25/50/100 m
- thickness from 2 to 2.5 mm
- width from 10 to 60 mm

→ COMPLIANCE

- Tested to EN1364-1:2014-03 + Ap1:2016 10P
- Door fire test report LZP43-02580/16/Z00NZP
- Swell pressure report LZP08-2580/16/Z00NZP
- Swell height report LZP09-2580/16/Z00NZP
- Thermal conductivity test report LZP00-03116/20/Z00NZP
- TDS
- SDS



→ TRANSPORT AND STORAGE

It is recommended to store in dry internal conditions at temperatures between + 5°C and + 25°C