

# INTU STRIPFC

*Intumescent seals (with adhesive tape)*

TDS Technical Data Sheet



**.INTUSEAL®**  
*passive fire protection manufacturer*

[www.intuseal.com](http://www.intuseal.com)

### → PRODUCT DESCRIPTION

The firestop seal with self-adhesive tape **INTU STRIP FC** 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 60**.

### → APPLICATION

The **INTU STRIP FC** 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, dust off the bonding surface and then degrease it with IPA (isopropyl alcohol/isopropanol min. 90%); 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	Modified acrylic
Thickness [mm]	2,0
Width [mm]	15 ÷ 58
Length [m]	50; 100; 200
Density [g/cm <sup>3</sup> ]	1,2 ± 15%
Swelling temperature [°C]	Ca. 140
Swelling ratio	≥ 35,97
Swelling pressure [N/mm <sup>2</sup> ]	Ca. 0,815
Fire resistance	Max. to 60 minutes
Thermal conductivity λ [W/mK]	0,4049

### → TRANSPORT AND STORAGE

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

### → COMPLIANCE

- Tested to EN1364-1:2014-03 + Ap1:2016 10P
- Swell pressure report LZP48-2580/16/Z00NZP
- Swell height report LZP09-2580/16/Z00NZP
- Thermal conductivity test report LZF00-03116/20/Z00NZF
- SDS
- TDS

