

Data sheet



Flexible
intumescent
fire and smoke seals

US / 1.86 / Rev. 3

FLEXILODICE OCS 1200 & OCS 1201



odice
PASSIVE FIRE PROTECTION



Product description

FLEXILOCICE OCS 1200 & 1201 are the co-extruded graphite-based smoke and intumescent seals. When exposed to fire the seal expands at least 11 times its initial thickness.

The micro porous layer formed during expansion prevents the passage of any flames, smoke or hot gases.

FLEXILOCICE OCS 1200

FLEXILOCICE OCS 1201



Features



The **FLEXILOCICE OCS 1200 & 1201** intumescent seals present the following characteristics:

- Flexible,
- Resistant to elongation,
- Resistant to moisture and carbon dioxide,
- Forms a robust micro porous layer
- Delivered on rolls or strips
- Easy to cut.

Technical data

Physical properties of FLEXILOCICE OCS 1200 & 1201

Expansion activation temperature	356°F (180°C)
Foaming height 30 min. at 1022°F (550°C)	at least 11 times initial thickness
Expansion pressure at 1022°F (550°C)	70 PSI (0,48 N/mm ²)
Shore A hardness (ISO 868)	80 shore
Areal weight OCS 1201	0,61lb/ft ² (3 kg/m ²)
Areal weight OCS 1200	0,88lb/ft ² (4,35 kg/m ²)

FLEXILOCICE OCS 1200 & 1201 Fire and Smoke Gasketing CAT B, G, H



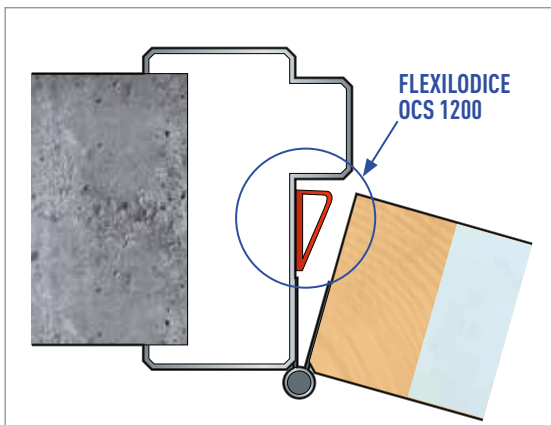
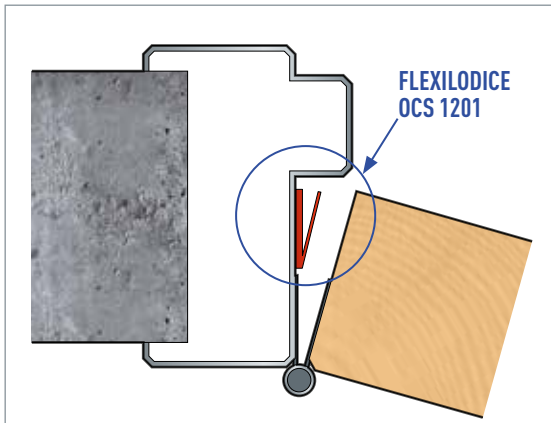
Tested following UL10C leakage test at room and at elevated temperature:

45 min pair wood door - 60 min single wood door - 3hr steel doors

Certificate N° WHI13 - 21607101 and WHI13-21607105

Applications

FLEXILODICE OCS 1200 & 1201 intumescent seal is designed for fire resistant & smoke door leaves.



Colours:

FLEXILODICE OCS 1200 & 1201 black, white, oak



Product range

Sections

	FLEXILODICE OCS 1200	FLEXILODICE OCS 1201
Dimensions	1/2" x 1/32" x 1/4" (12.7 x 1.5 x 6.8 mm)	1/2" x 1/32" x 1/16" (12.7 x 1.3 x 4.4 mm)
Lengths of rolls	8' 21' 328' (5,49; 6,40; 100 m)	8' 21' 574' (5,49; 6,40; 175 m)

Tolerances	
Thickness (*)	+0,008"/-0,012" (+ 0,2 mm / - 0,3 mm)
Width	+0,008"/-0,02" (+ 0,2 mm / - 0,5 mm)

(*)On seals without self-adhesive strip

Installation

Since the intumescent **FLEXILODICE OCS 1200 & 1201** seals create an average expansion pressure, for sealing a fire retardant door it is essential that they are fitted to the edge of the frame or door leaf.
The seal as to be fixed mechanically with the self-adhesive backing.

Packaging

FLEXILODICE OCS 1200 & 1201 are delivered in rolls wrapped or strips in cardboard boxes.

Storage

Store in a dry well-ventilated area.

Health and safety measures

Observe usual workplace health and safety rules.
Refer to the safety data sheet of **FLEXILODICE**.

IMPORTANT: while the descriptions, designs, data and information contained herein are presented in good faith and believed to be accurate, it is provided for your guidance only. Because many factors may affect processing or application/ use, we recommend that you make tests to determine the suitability of a product for your particular purpose prior to use. No warranties of any kind, either express or implied, including warranties of merchantability or fitness for a particular purpose, are made regarding products described or designs, data or information set forth, or that the products, designs, data or information may be used without infringing the intellectual property rights of others. In no case shall the descriptions, information, data or designs provided be considered a part of our terms and conditions of sale. Further, you expressly understand and agree that the descriptions, designs, data and information furnished by ODICE hereunder are given free of charge and ODICE assumes no obligation or liability for the description, designs, data and information given or results obtained, all such being given and accepted at your risk.



ODICE LLC - Passive Fire Protection

1997 Newborn Rd. Rutledge GA 30663-2842, USA. Phone: +1 706 557 77 72

Fax: +1 706 557 93 34 - Toll free Number : 866 304 7772 - extension 11

Email : info@odice.com - www.odice.com