

IFPS fire penetration seals

acc. to EN 45545-3, single



Fire penetration seals for certified icotek BS cable entry components, approved for use in railway technology (meeting the standards EN 45545-2, EN 45545-3 and EN 1363-1).

The intumescent (foaming) IFPS fire penetration seals which are mounted at the backside of the cable entry components consist of expandable graphite and increase their volume by a multiple in case of a fire. This creates a barrier which prevents a penetration of flames and high heat from one room into another for the longest possible period.

Based on the standards EN 45545-3 and EN 1363-1 icotek cable entry systems have been tested on "E45" and "EI30" in vertical alignment using mounted IFPS fire penetration seals. All tested products have been successfully certified using only one layer of fire penetration seals.

Furthermore, conventional cables instead of fire-resistant railway cables have been used for the testing.


Also available: IFPS fire penetration seal stripe, 900 x 17 x 2.7 mm, self-adhesive


Specifications


Material	Graphite
Properties	intumescent (foaming), halogen free, silicone free


Advantages & Benefits


Product types & Sizes


IFPS 24 	Part No.	99300	Cut-out size	112 x 36 mm
	EAN	4251269318375	No. of screw holes	4
	PU	1	Diam. of screw holes	5,5 mm
	Length	157 mm		
	Width	68 mm		
	Height	2,5 mm		
	Mounting height	2,5 mm		


IFPS 24-MT 	Part No.	99312	No. of screw holes	6
	EAN	4251269323362	Diam. of screw holes	5,5 mm
	PU	1		
	Length	157 mm		
	Width	112 mm		
	Height	2,5 mm		
	Mounting height	2,5 mm		


IFPS 16 	Part No.	99301	Cut-out size	86 × 36 mm
	EAN	4251269318382	No. of screw holes	4
	PU	1	Diam. of screw holes	5,5 mm
	Length	140 mm		
	Width	68 mm		
	Height	2,5 mm		
	Mounting height	2,5 mm		


IFPS 16-MT 	Part No.	99314	No. of screw holes	6
	EAN	4251269323966	Diam. of screw holes	5,5 mm
	PU	1		
	Length	130 mm		
	Width	112 mm		
	Height	2,5 mm		
	Mounting height	2,5 mm		


IFPS 10 	Part No.	99306	Cut-out size	65 × 36 mm
	EAN	4251269322280	No. of screw holes	4
	PU	1	Diam. of screw holes	5,5 mm
	Length	108 mm		
	Width	68 mm		
	Height	2,5 mm		
	Mounting height	2,5 mm		


IFPS-B 	Part No.	99305	Cut-out size	46 × 46 mm
	EAN	4251269319075	No. of screw holes	4
	PU	1	Diam. of screw holes	5,5 mm
	Length	83 mm		
	Width	68 mm		
	Height	2,5 mm		
	Mounting height	2,5 mm		


IFPS-E5 	Part No.	99302	Cut-out size	112 × 24 mm
	EAN	4251269318399	No. of screw holes	2
	PU	1	Diam. of screw holes	5,5 mm
	Length	157 mm		
	Width	49,5 mm		
	Height	2,5 mm		
	Mounting height	2,5 mm		

IFPS-E4 	Part No.	99309	Cut-out size	86 × 24 mm
	EAN	4251269321702	No. of screw holes	2
	PU	1	Diam. of screw holes	5,5 mm
	Length	140 mm		
	Width	49,5 mm		
	Height	2,5 mm		
	Mounting height	2,5 mm		

IFPS-E3 	Part No.	99308	Cut-out size	65 × 24 mm
	EAN	4251269321696	No. of screw holes	2
	PU	1	Diam. of screw holes	5,5 mm
	Length	108 mm		
	Width	49,5 mm		
	Height	2,5 mm		
	Mounting height	2,5 mm		

IFPS-E2 	Part No.	99307	Cut-out size	43 × 24 mm
	EAN	4251269321689	No. of screw holes	2
	PU	1	Diam. of screw holes	5,5 mm
	Length	83 mm		
	Width	49,5 mm		
	Height	2,5 mm		
	Mounting height	2,5 mm		

IFPS KX/KL 	Part No.	99315	Cut-out size	192 × 62 mm
	EAN	4251269324154	No. of screw holes	6
	PU	1	Diam. of screw holes	5,5 mm
	Length	231 mm		
	Width	100 mm		
	Height	2,5 mm		
	Mounting height	2,5 mm		

IFPS fire penetration seal stripe 	Part No.	99303		
	EAN	4251269318405		
	PU	1		
	Length	900 mm		
	Width	17 mm		
	Height	2,7 mm		
