

# nVent ERIFLEX FLEXBUS ADVANCED FIRE BARRIER

Instruction Sheet



# INSTRUCTION SHEET

## nVent ERIFLEX FLEXBUS ADVANCED FIRE BARRIER FIRE RESISTANT CONDUCTOR PENETRATION SEAL

**1**

**2**

$W \leq 450\text{mm [17.7 inch]}$   
 $H \leq 500\text{mm [19.7 inch]}$

**3**

$W \times H = A^2$

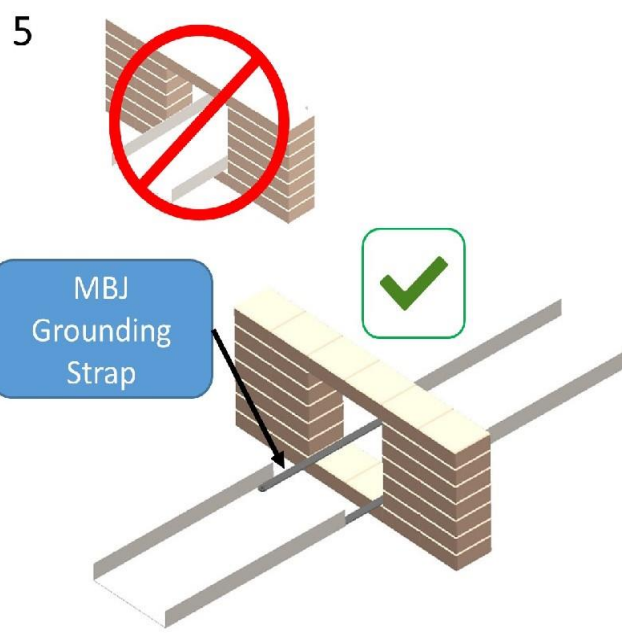
$\text{FLEXBUS} \leq 60\% A^2$

$\geq 40\% A^2$

**4**

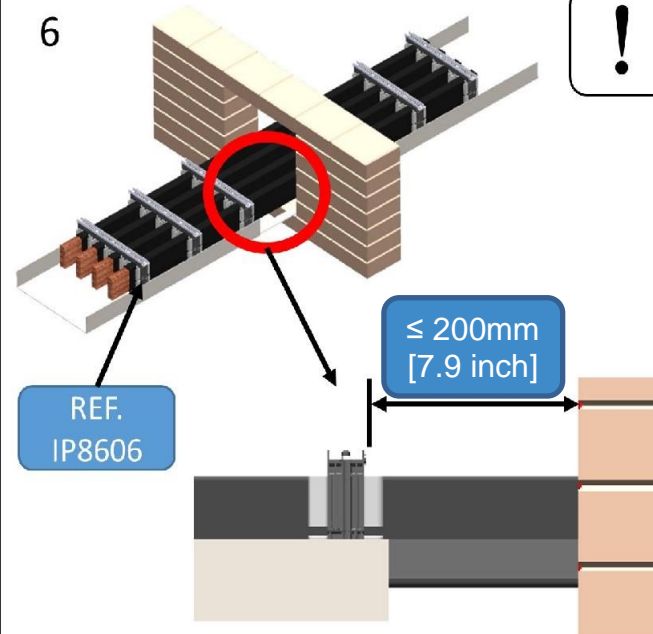
$\geq 100\text{mm [3.9 inch]}$

5



MBJ Grounding Strap

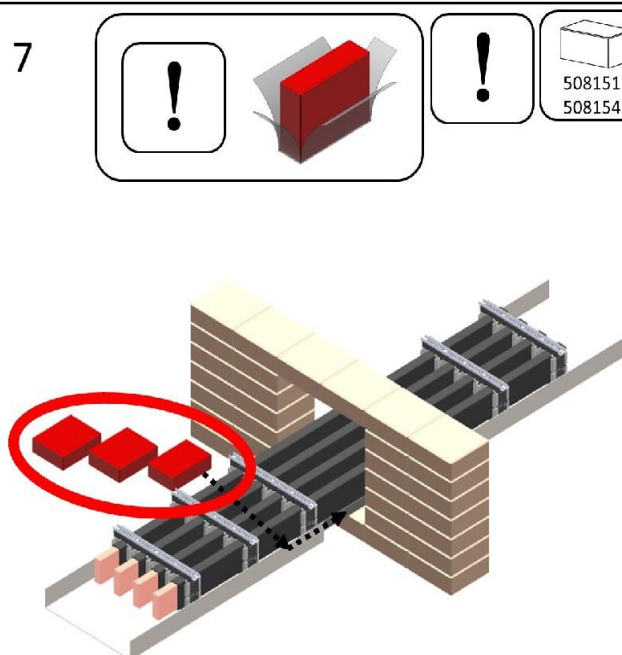
6



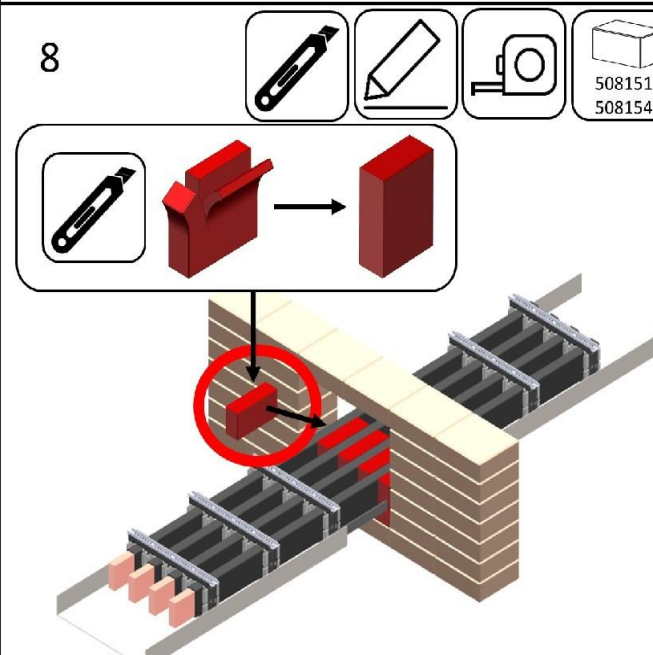
REF. IP8606

≤ 200mm [7.9 inch]

7

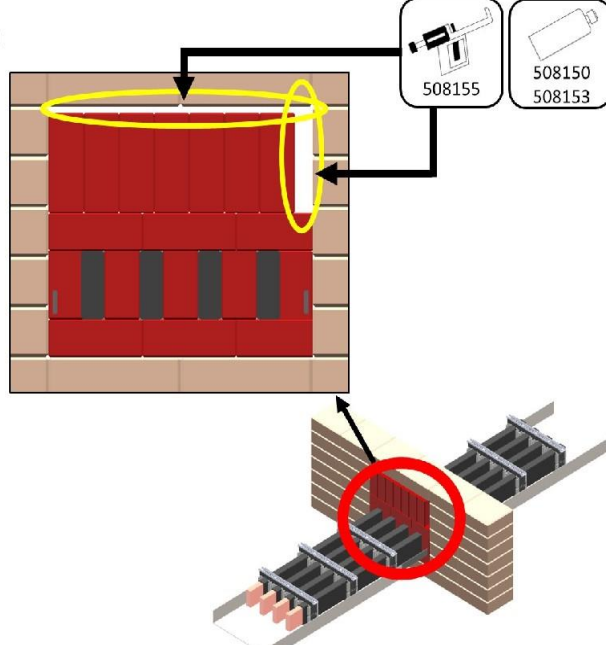
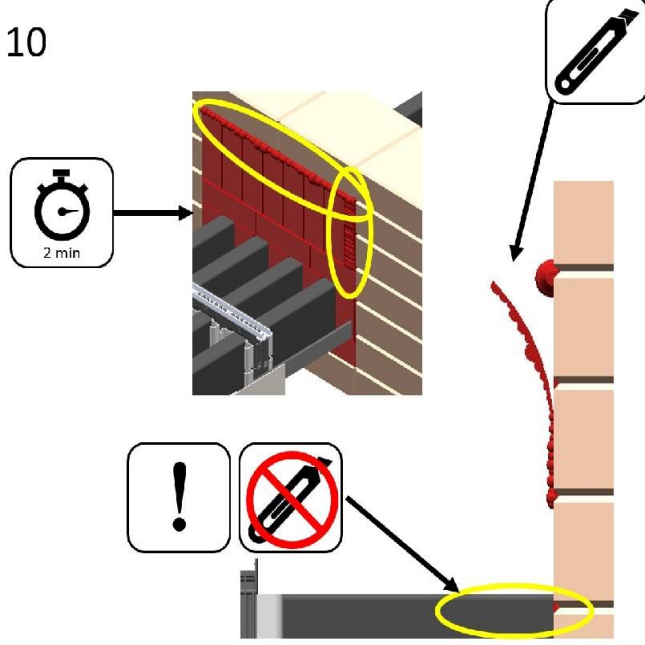
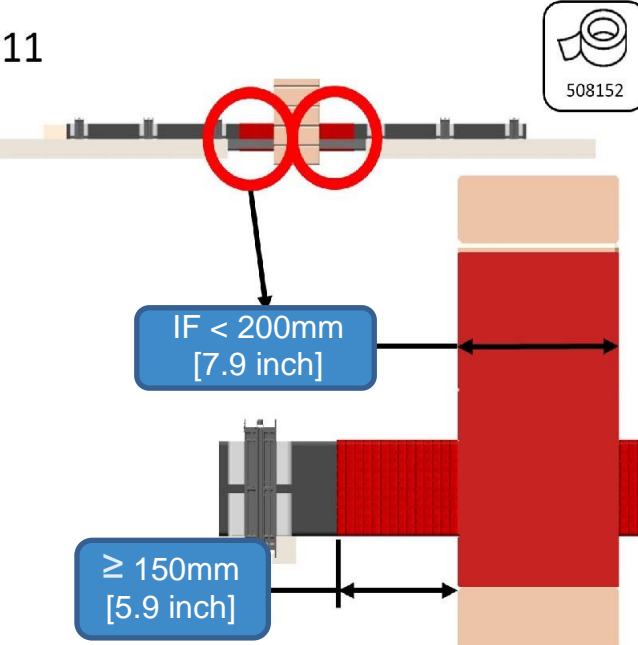
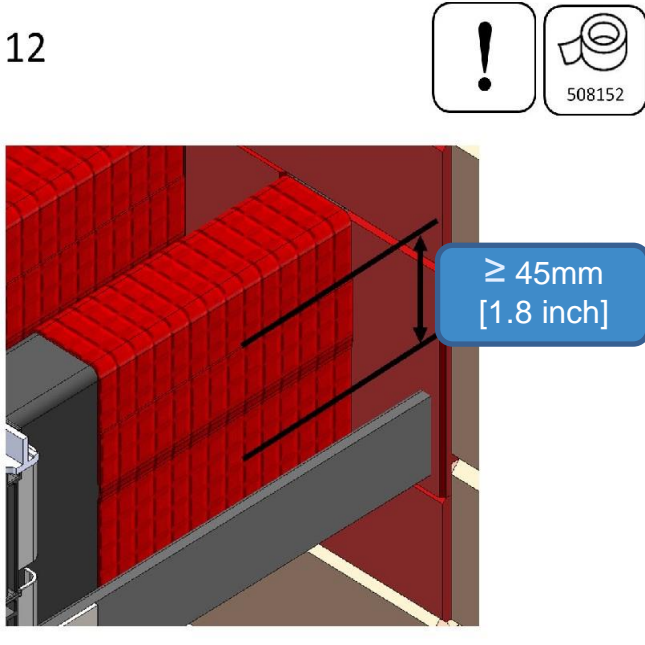


8



508151  
508154

508151  
508154

<p>9</p>  <p>508155</p> <p>508150 508153</p>	<p>10</p>  <p>2 min</p> <p>508152</p>
<p>11</p>  <p>508152</p> <p>IF &lt; 200mm [7.9 inch]</p> <p>≥ 150mm [5.9 inch]</p>	<p>12</p>  <p>!</p> <p>508152</p> <p>≥ 45mm [1.8 inch]</p>

# INSTRUCTION SHEET

Minimum opening size of the penetration seal in mm [inch]			3P+N									
			1 Conductor per phase configuration					2 Conductors per phase configuration				
Flexbus conductor cross section	220, 360 545, 640 mm <sup>2</sup>	W	420 [16.5]	180 [7.1]	270 [10.6]	445 [17.5]	240 [9.4]	420 [16.5]	270 [10.6]	445 [17.5]	2x 420 [16.5]	
		H	185 [7.3]	475 [18.7]	260 [10.2]	150 [5.9]	300 [11.8]	300 [11.8]	475 [18.7]	260 [10.2]	2x 185 [7.3]	
	QTY Blocks FBB*			9	10	9	8	9	15	15	14	18
	QTY Foam FBS**			2	2	2	2	2	3	3	3	4
	QTY Bandage FIB***			1	1	1	1	1	1	1	1	1
	800, 960, 1280 1810 mm <sup>2</sup>	W	465 [18.3]	230 [9.1]	370 [14.6]	2x 370 [14.6]	265 [10.4]	465 [18.3]	370 [14.6]	2x 370 [14.6]	2x 465 [18.3]	
		H	235 [9.3]	500 [19.7]	280 [11]	2x 160 [6.3]	400 [15.7]	400 [15.7]	500 [19.7]	2x 280 [11]	2x 235 [9.3]	
	QTY Blocks FBB*			13	14	12	14	13	22	22	24	26
	QTY Foam FBS**			3	3	3	3	3	5	5	5	6
	QTY Bandage FIB***			1	1	1	1	1	2	2	2	2

Minimum opening size of the penetration seal in mm [inch]			3P									
			1 Conductor per phase configuration					2 Conductors per phase configuration				
Flexbus conductor cross section	220, 360 545, 640 mm <sup>2</sup>	W	330 [13]	180 [7.1]		355 [14]		330 [13]	270 [10.6]	355 [14]	2x 330 [13]	
		H	185 [7.3]	370 [14.6]		150 [5.9]		300 [11.8]	370 [14.6]	260 [10.2]	2x 185 [7.3]	
	QTY Blocks FBB*			8	8		7		12	12	11	15
	QTY Foam FBS**			2	2		2		3	3	3	3
	QTY Bandage FIB***			1	1		1		1	1	1	1
	800, 960, 1280 1810 mm <sup>2</sup>	W	365 [14.4]	230 [9.1]		500 [19.7]		365 [14.4]	370 [14.6]	500 [19.7]	2x 365 [14.4]	
		H	235 [9.3]	400 [15.7]		160 [6.3]		400 [15.7]	400 [15.7]	280 [11]	2x 235 [9.3]	
	QTY Blocks FBB*			10	11		10		17	18	17	20
	QTY Foam FBS**			2	3		2		4	4	4	4
	QTY Bandage FIB***			1	1		1		1	1	1	1

\* FBB (508151/508154) Firestop Blocks Packing unit is 4pc (12pc for North Amrecia / UL Version).

\*\*FBS (508150/508153) Foam Barrier Packing unit is 6pc.

\*\*\*FIB (508152) Insulating Bandage Packing unit is 1pc. Need to be used only if wall thickness is < 200mm.

Qty of Firestop Blocks FBB and Foam Barrier FBS from this table are given for a wall thickness of 200mm. For other thickness, apply % ratio. Example : for 150mm thickness, reduce by 25% the Qty.

## WARNING:

- nVent products shall be installed and used only as indicated in nVent product instruction sheets and training materials. Instruction sheets are available at [www.nVent.com](http://www.nVent.com) and from your nVent customer service representative.
- nVent products must never be used for a purpose other than the purpose for which they were designed or in a manner that exceeds specified load ratings.
- All instructions must be completely followed to ensure proper and safe installation and performance.
- Improper installation, misuse, misapplication or other failure to completely follow nVent's instructions and warnings may cause product malfunction, property damage, serious bodily injury and/or death, and void your warranty.

**SAFETY INSTRUCTIONS:** All governing codes and regulations and those required by the job site must be observed. Always use appropriate safety equipment such as eye protection, hard hat, and gloves as appropriate to the application.



Our powerful portfolio of brands:

**CADDY ERICO HOFFMAN ILSCO RAYCHEM SCHROFF**