

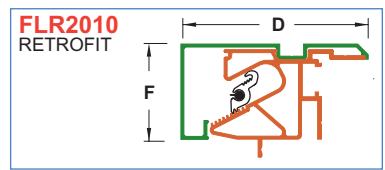
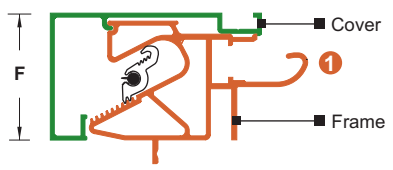


Self hinging face frames for flexible vinyl faces

FLS2010



FLS2010 Front loading rod and clip vinyl tensioning face frame.



Frame Face dimension: F: 2" [51mm]
Frame fabrication size: H: 8' Max [2.44m] †Before structural reinforcement is required
 W: N/A
Face Material: Flexible vinyl

Frame Face dimension: F: 2" [51mm]
 D: 3 1/2" [89mm]
Frame fabrication size: H: 8' Max [2.44m] †
 W: N/A
Face Material: Flexible vinyl

Extrusions sold in 22'3" lengths unless otherwise specified

Cutting Tools



Tape frame and cover together. Measure extrusions to sign overall length and height. Mitre cut and assemble with VA004 pre-fabricated corner brackets using 2107 screws or weld.

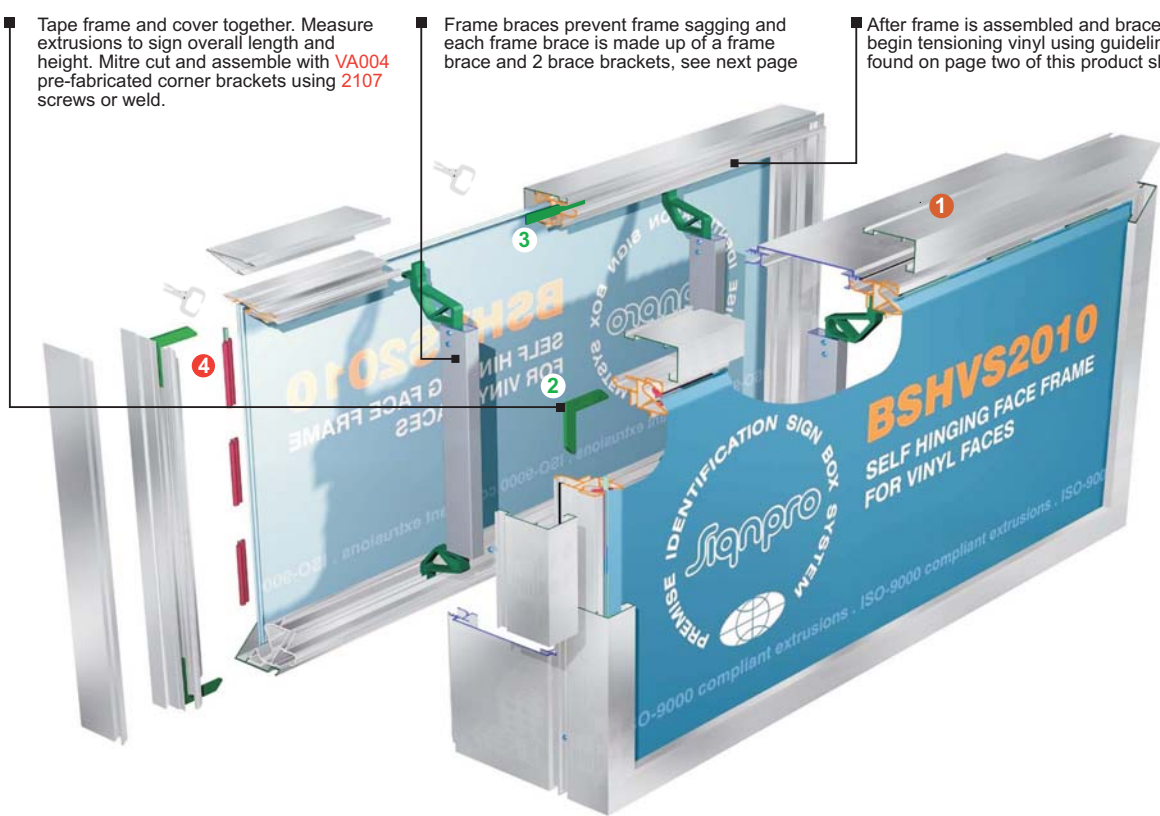
Frame braces prevent frame sagging and each frame brace is made up of a frame brace and 2 brace brackets, see next page

After frame is assembled and braced begin tensioning vinyl using guidelines found on page two of this product sheet

Assembly Tools



Tensioning Tools



VA0004	VA0005	VA0003	2107	#8 x 5/16" socket screws are also used to secure cover to frame.
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Cabinet extrusions. For custom finishes call your distributor.

Product No	Description	Finish	Pack	Qty.
FLS2010	Self hinging frame & cover	Mill Finish	4	
FLS2011	Self hinging frame & cover	Clear Anodized	4	
FLR2010	Retrofit frame & cover	Mill Finish	4	
FLR2011	Retrofit frame & cover	Clear Anodized	4	

Hardware

Product No	Description	Pack	Qty.
2107	#8 x 5/16" socket screw		2000
VA0003	4" [204mm] Vinyl tensioning clip and rod		100
Tools			
VA0002	Vinyl tensioning tool		1

Assembly brackets

VA0004	Corner Bracket	40
VA0005	Joiner Bracket (when longer than 22'3")	20

Bracing components

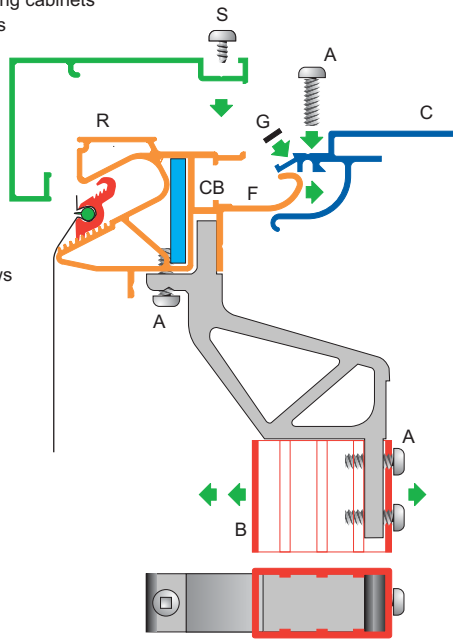
VA0006	Frame brace bracket (next page)	30
1968	Frame brace 1" x 2" x 22'3" (next page)	8

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FLS2010

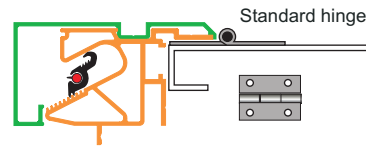
Self hinging face frame assembly

- C: This frame fits all self hinging cabinets
- S: SR1026 C.S. Cover screws
- CB: SR1024 corner bracket
- F: Main frame
- FC: Frame cover
- V: Vinyl
- R: Tensioning rod
- A: 2106A screw
- FB: Frame brace bracket
- B: Adjustable frame brace
- G: 2105 Weather seal gasket
- S: 2107 Corner bracket screws



FLR2010

Retrofit assembly

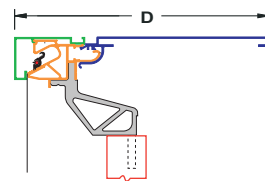
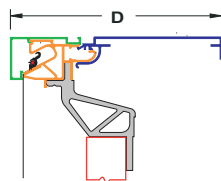


Face frame bracing configurations

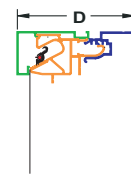
Vinyl frame tensioning can produce frame sagging, and therefore most vinyl face frame applications require bracing to overcome this effect and keep the face in tension. Frame braces, comprising of a brace and a set of two brace brackets, are used and spaced approximately @ 5'- 0" [1.524 m] centers maximum. When lamps and braces run parallel, avoid placing lamps behind braces to reduce brace shadows. Frame braces are configured differently for each sign cabinet, as shown below.

Brace cut size = Frame - 9" [229mm]

Single sided self hinging cabinets



Self hinging retrofit adapter



Combination file name: **FRVS2010**

Cabinet: BSHF-R680
Page: S3-A
Overall depth: D: 9 11/16" [246mm]
Brace bracket: VA0006
Brace: 1968

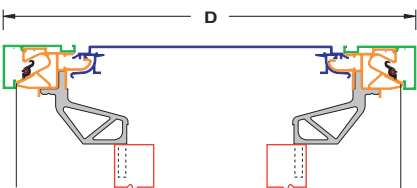
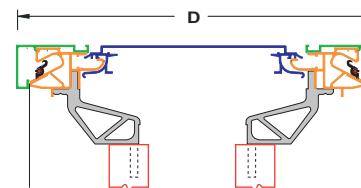
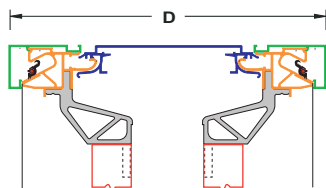
Combination file name: **FWVS2010**

Cabinet: BSHF-W850
Page: S7-A
Overall depth: D: 11 5/8" [295mm]
Brace bracket: VA0006
Brace: 1968

File name: N/A

Retainer: BSH7002
Page: S9-A
Overall depth: D: N/A

Double sided self hinging cabinets



Combination file name: **DRVS2010**

Cabinet: BSHD-R8740
Page: S13-A
Overall depth: D: 14 1/4" [362mm]
Brace bracket: VA0006
Brace: 1968

Combination file name: **DMVS2010**

Cabinet: BSHD-M1020
Page: S15-A
Overall depth: D: 16 1/2" [419mm]
Brace bracket: VA0006
Brace: 1968

Combination file name: **DWVS2010**

Cabinet: BSHD-W1300
Page: S17-A
Overall depth: D: 18 3/4" [476mm]
Brace bracket: VA0006
Brace: 1968

Cutting and tensioning vinyl

C: Cut vinyl to overall sign size +1"
Cut vinyl corners as shown.
Fold vinyl over rod and slide clip through.
Insert clip VA0003 into front loading channel using VA0002 vise grips to tension vinyl evenly from all sides. Clips should be placed every 4".

