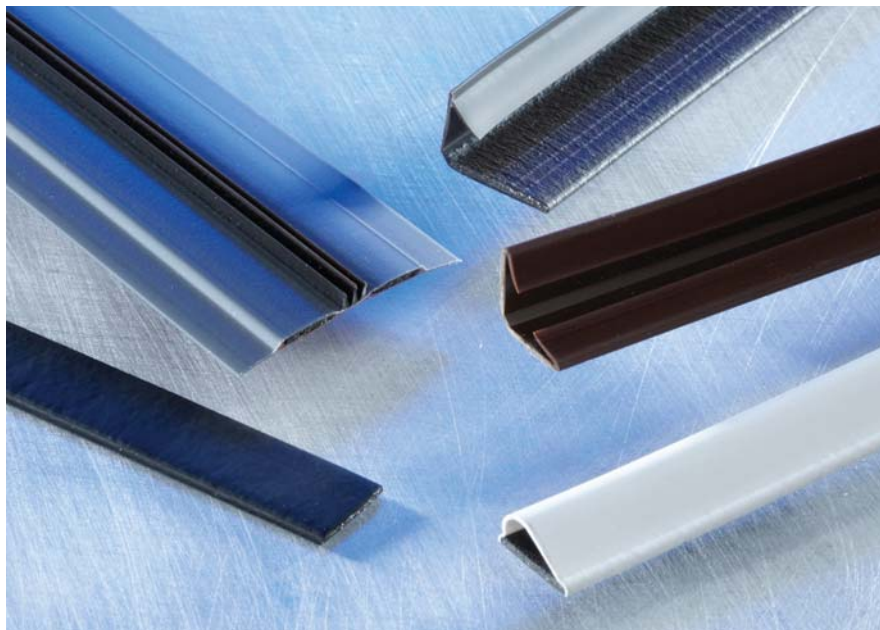


# Gaskets for Fire Door Assemblies

**LORIENT**

The gaps between a door leaf and its frame are necessary for everyday operation but they form an area of vulnerability for the passage of smoke and flames in a fire situation. Lorient's intumescent fire sealing systems offer cost-effective and attractive solutions, tested and proven under conditions of positive pressure, for example UL 10C, NFPA 252 and UBC-7-2-97.

Many of Lorient's gaskets also contain an integral smoke and draft seal, to provide a complete solution for life safety and property protection, in one product. Smoke barrier performance has also been evaluated under conditions of positive pressure, using NFPA 105 guidelines, and the UL 1784 testing standard.

All Lorient's gaskets are available through North American national distributors, NGP and Hager.

## Lorient Batwing® Seals - BW300, BW310 and BW502

Surface applied smoke and draft gasket (BW300)

Kerf fitting smoke and draft gasket (BW310)

Surface applied intumescent fire, smoke & draft gasket (BW502)

Lorient's popular Batwing smoke and draft gasket is manufactured from two materials - a rigid PVC structure, and flexible elastomeric fins. A sophisticated co-extrusion process ensures a durable finished product, which provides exceptional smoke and draft protection, sound reduction, and durability. The new and unique curved fin design means doors are much easier to operate, with greatly reduced resistance from the gasket to opening, closing and latching.

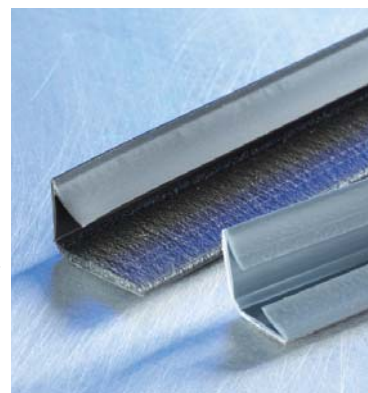
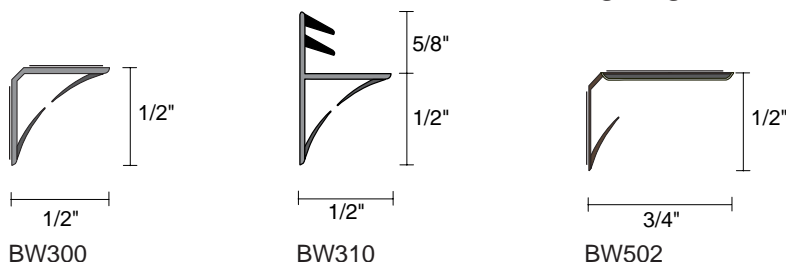
And now the Batwing range has been further enhanced, with the introduction of the BW502. This provides all the smoke and draft benefits of the BW300 and BW310, but also contains a high performance intumescent core - providing the all-in-one solution for fire, smoke and draft containment!

All products are ideal for door perimeter sealing. All are supplied complete with strong self-adhesive tape, for easy "peel-n-stick" application.

ITS and UL listed for Category H. BW502 additionally holds Category G listing (20, 45, 60 and 90 minutes).

Available in a choice of standard colors: White, charcoal, gray, tan and dark bronze.

**For more information about the Lorient Batwing®, log on to [www.batwing.biz](http://www.batwing.biz)!**



## ES980 and ES985

Surface applied intumescent gaskets.

Consisting of a high performance intumescent core, with a protective extruded PVC casing - durable in everyday service, but designed to soften and melt in the same temperature range as the core begins to expand.

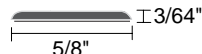
Ideal for both perimeter and meeting stiles. Both products are supplied complete with strong self-adhesive tape, for easy "peel-n-stick" application.

ITS and UL listing for 20, 45, 60 and 90 minutes (category G).

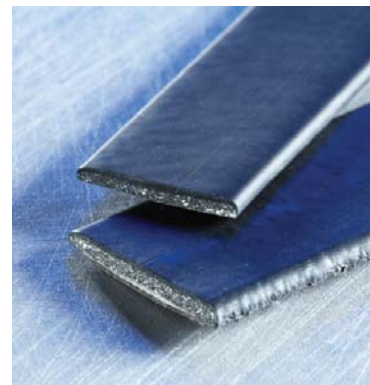
Available in a choice of colours as standard: White, charcoal, gray, tan and dark bronze.



ES980



ES985



## ES992 and ES994

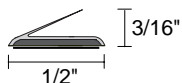
Surface applied intumescent fire, smoke and draft gaskets.

Similar to the ES980 and ES985 products, the ES992 also has a single fin, for additional smoke and draft protection. This is made from a flexible elastomeric material and co-extruded in manufacture, for exceptional strength and durability in service. The ES994 has a bulb-shaped gasket, which acts as a buffer seal for smoke and draft protection. Both products are fully integrated, technically advanced co-extrusions, for maximum serviceability.

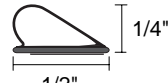
Both are suitable for perimeter applications, and are supplied complete with strong self-adhesive tape, for easy "peel-n-stick" application.

ITS and UL listing for 20, 45, 60 and 90 minutes (Category G), and Category H.

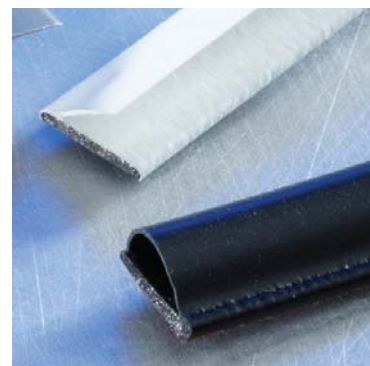
Available in a choice of colours as standard: White, charcoal, gray, tan and dark bronze.



ES992



ES994



## HP400 and HP410

Surface applied intumescent gasket (HP400)

Surface applied intumescent fire, smoke & draft gasket (HP410)

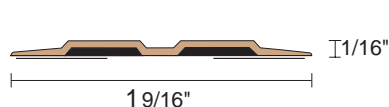
Consisting of a high performance intumescent core, protected by a rigid extruded PVC casing - durable in everyday service, but designed to soften and melt in the same temperature range as the intumescent core begins to expand. HP410 additionally has three co-extruded elastomeric fins, for additional smoke and draft protection.

Ideal for both perimeter and meeting stiles. Both products are supplied complete with strong self-adhesive tape, for easy "peel-n-stick" application.

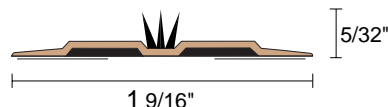
ITS and UL listing for 20, 45, 60 and 90 minutes (Category G).

HP410 additionally holds Category H listing.

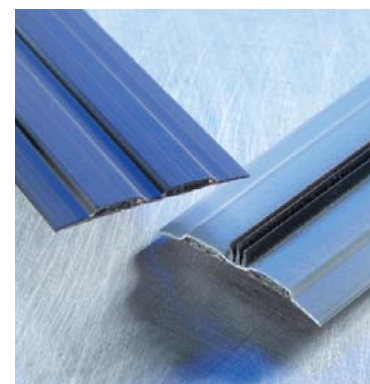
Available in a choice of colours: White, charcoal, gray, tan and dark bronze.



HP400



HP410



**LORIENT**

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