

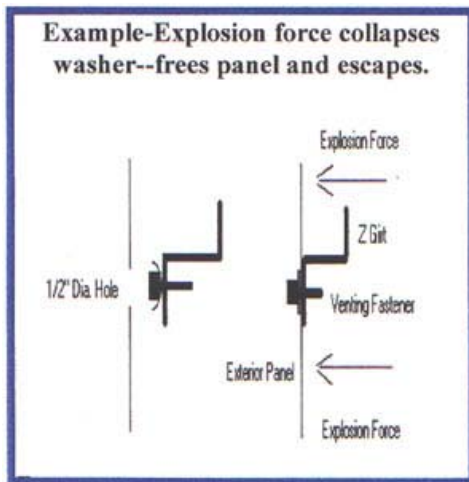
# M & M VENTING COMPANY

specializing in  
*"Explosion Venting Fasteners"*

**M&M Explosion Venting Fasteners** are used in the construction of certain metal building environments. These environments may contain potentially hazardous material or operations which may pose an explosion threat. M&M Explosion Venting Fasteners assist in allowing explosive forces to escape or vent from the building.

**The M&M Fastener System** consists of a fastener-washer assembly with special aluminum alloy washers bonded with EPDM rubber to provide a weather tight seal. Certain applications require a centering device to prevent panel sag.

**M&M Explosion Venting Fasteners** are identified by a color code on the fastener body, which allows the head and washer to be color matched to any panel color.



## Benefits

- Our fastener-washer assembly is versatile enough to be used with virtually any wall panel.
- Reduces damage to building structure and equipment.
- Minimizes injury to personnel.
- Fasteners can be painted to match any panel color.
- Can be used to attach panels to wood and light weight or heavy gauge framing.

## Product Features

- 300 Series stainless steel fastener for corrosion resistance.
- 3/8" Hex Head
- ".750" O.D. special aluminum alloy washer bonded to EPDM rubber.



**M&M Venting** offers five release washer values. The number of fasteners to be used on a project is determined by the release value of the fastener, desired psf release, girt spacing, type of panel, and area to be vented.

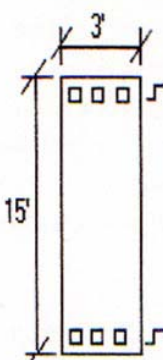
## M&M Explosion Venting Fasteners

Washer Designation	Color Code	Release Value
RV1	RED	75#
RV2	YELLOW	100#
RV3	BLACK	150#
RV4	BLUE	265#
RV5	GREEN	390#

## Calculations

- Determine area to be vented.
- Apply desired release pressure per square foot to area to be vented
- Divide by desired number of fasteners per structural location to determine explosion venting washer.

**EXAMPLE** - Single skin panel with no insulation



3'

15'

3' X 15' X 20 psf = 900#  
900# ÷ 6 Fasteners =  
150#  
Choose RV3 Black @  
150# ea.  
900# ÷ 45sqft = 20 psf

□ HB-SS-8C RV3 BLACK 150# RV  
Structural fasteners

X HA-SS-6C RV1 RED 75# RV  
Sidelap fasteners - locate 2' o.c.

- M&M Venting Co. provides fastener layouts with detailed installation instructions.
- We provide in-house design assistance

## Installation:

### ***Panel to Structure***

Wall panel and structural member are both drilled with the proper size drill bit to accommodate the fastener type and diameter. Then the hole in the panel is enlarged to 1/2" diameter. The fastener assembly is installed by hand to avoid over tightening and distortion of the special aluminum alloy washer. Damage to washer may alter its release value.

### ***Panel to Panel***

Both panels are drilled with the proper size drill bit, then the hole in the overlapping panel is enlarged to 1/2" diameter.

## **Contact Information:**

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### **Monty R. Soots**

Sales

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### ***Note:***

**Next Day Shipping** available for most job requirements.