



ITEM NO.	PART NUMBER	MATERIAL	QTY.
1	HMVR-20N-027	P/P 20% Glass	1
2	HMVR-65MD-027	P/P 20% Glass	1
3	HMVG-20G1-PE	SANTOPRENE	1
4	HMVP-65MD-027	P/P 20% Glass	1
5	ventdia01	N/A	1
6	vent_spring02	304 STAINLESS STEEL	1
7	vent_bug_screen	SANTOPRENE	1
8	2inc_thread_washer	SANTOPRENE	1

Through put surface area for air 207 mm²

Product Number	Description	Pressure (PSI)	Vacuum (In Hg)
11P207	2" BSP male vent, 4 PSI C/W seal	4	0
E-mail	2" NPS male vent, 4 PSI C/W seal	4	0
E-mail	2" NPT male vent, 4 PSI	4	0
E-mail	2" vent bug screen (option)	N/A	N/A

UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN MILLIMETERS SURFACE FINISH: TOLERANCES: LINEAR: ANGULAR:				FINISH:	DEBUR AND BREAK SHARP EDGES	DO NOT SCALE DRAWING	REVISION
DRAWN	NAME: JULIAN TROUGHT	SIGNATURE	DATE: J>>!				
CHK'D							
APPV'D							
MFG							
Q.A.							
				MATERIAL: POLYPROPYLENE	DWG NO. HMVR-20NTP-027		
				WEIGHT:	SCALE:1:2	SHEET 1 OF 1	
						A3	

Page 2 Description

2" NPS / BSP Male IBC Vent – Pressure & Anti-Vacuum

Thread: 2" BCS G2 × 11.5 (compatible with 2" BSP / 2" NPS)

Connection: Male

Function: Pressure relief & vacuum relief

Materials: Glass-filled polypropylene body / polypropylene elastomer seals (G/P/P) / 316 stainless steel spring

Product Description

This 2" male IBC vent is designed to provide controlled **pressure and vacuum relief** for Intermediate Bulk Containers (IBCs). It helps protect the container from deformation during **filling, decanting, and temperature-related pressure fluctuations**.

The vent allows air to enter the IBC during product discharge to prevent vacuum collapse, while also relieving excess internal pressure to maintain container integrity and operational safety.

Applications

- Decanting liquids in **1–20 litre increments**
- Preventing IBC panel deformation during discharge
- Releasing internal pressure build-up (**3–4 PSI**) during storage or transport
- Suitable for a wide range of **industrial and chemical applications**

Key Benefits

- Dual-function **pressure & anti-vacuum** design
- Compatible with **2" BSP and 2" NPS** IBC outlets
- Robust glass-filled polypropylene construction with excellent chemical resistance
- Simple **screw-in installation**
- Designed to extend IBC service life and improve operational safety

