

PRODUCT FACT SHEET / 80mm VACUUM RELIEF VALVE

SPECIFICATIONS

| | |
|----------------|---------------------------------|
| PRODUCT CODE | AMF-RV-80VAC-ADR-316 |
| MATERIAL | STAINLESS STEEL 316 |
| O-RING / SEALS | PTFE ENCAPSULATED |
| APPROVAL CODES | BS EN 14595:2016, ADR CERTIFIED |
| MAWP | 27kPa |
| INFLOW | 373.37m ³ /hr @ 7kPa |
| MAX. TEMP | +50 ° CELSIUS |
| MIN. TEMP | -20 ° CELSIUS |



APPLICATION & MAINTENANCE

COMPATIBLE PRODUCTS

1. BLACK PRODUCTS

- * Bitumen
- * Heavy Fuel Oils
- * Pitch Oil/Creosote

Molten Sulphur
Ammonium Nitrate
Molasses
Palm Oil/Edible Oils

(Examples of compatible products, but not limited to. Contact AMF SALES for additional confirmations)

DESIGN AND APPLICATION

The primary function of the AMF 80mm vacuum relief valve is to prevent vacuum induced damage to the tank shell as a result of decrease of pressure in the tank due to product cooling or failure to open the manhole cover during product discharge.

The pressure relief valve was developed specifically for liquid product applications characterized by high viscosity, particularly as the product cools and approaches ambient temperatures. Designed with a clean bore and large surface areas, the risk of valve failure normally associated with jamming, is vastly reduced.

Typically, our pressure relief valve is fitted together with our 80mm vacuum relief valve.

MAINTENANCE

Care must be taken to avoid damaging the seal or the internal sealing area of the valve.

Due to dirt and foreign objects found in many of the local products, we recommend that the seal be replaced as often as possible.

Clean regularly with appropriate cleaning agent to prevent product build up or damage to moving parts.

PRODUCTION TESTING REQUIREMENTS

| TEST # | TEST TYPE | TEST FLUID | TEST DURATION | TEST PRESSURE | TEST CRITERIA |
|--------|---------------------------|------------|---------------|---------------|------------------|
| 1 | Seat Tightness | Water | 30 seconds | 7kPa | No visible leaks |
| 2 | Seat Tightness (Overturn) | Water | 30 seconds | 27kPa | No visible leaks |

WARNING: Use only genuine AMF replacement parts. Substitute parts can impair the proper functioning of this product and void all warranties. Failure to properly maintain and regularly clean the complete valve, especially moving parts, may prevent the valve from operating correctly as per its design, and subject to liability disclaimer. It is the customers responsibility to check compatibility between valve material and transported product.