

## PRODUCT FACT SHEET / 80mm PRESSURE RELIEF VALVE

### SPECIFICATIONS

PRODUCT CODE	AMF-RV-80PRE-ADR-316
MATERIAL	STAINLESS STEEL 316
O-RING / SEALS	PTFE ENCAPSULATED
APPROVAL CODES	BS EN 14595:2016, ADR CERTIFIED
MAWP	27kPa
INFLOW	373.37m <sup>3</sup> /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 pressure relief valve is to allow for normal tank compartment breathing; to prevent a build up of pressure in the tank shell as a result of increases in tank pressure due to product heating or increases in ambient temperatures.

The pressure relief valve was developed specifically for liquid product applications characterized by high viscosity, particularly as the product heats up and approaches higher 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	29kPa	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.