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Data Sheet

VAC VALVE 429 SS HTR

Stainless steel vacuum valve with graphite seal, usable up to 482°C

DESCRIPTION

Vac Valve 429 SS HTR is an optimized design for high temperature cures where standard valves with silicone rubber seals breakdown. Vac Valve 429 SS HTR is to be used for direct connection to vacuum hoses instead of a complex and expensive coupling system. Vac Valve 429 SS HTR is usable up to 482°C in combination with new high performance graphite seals. This valve can be directly attached to our Airflow 800 or BBH1080 which provide a safe connection for high temperature processes, such as thermoplastics. Graphite seals for high temperature use are easy to replace and can be ordered separately.

BENEFITS

- Design reduces threaded plug connection and risk of vacuum leakage for high temperature process.
- Optimized solution for use in high temperature applications.
- Economical and compact solution for high temperature processes.

TECHNICAL DATA

Construction	4 pieces (base plate, top piece, vac hose connector, locking screw)
Material type	Stainless steel
Material type of gasket	High performance graphite
Screw thread	1/4 inch female NPT
Assembly style	Threaded
Service temperature	482°C

SIZES

Product Reference	Base Plate Diameter
Vac Valve 429 SS HTR	76 mm (3 inches)

DIRECTIONS FOR USE

- Insert the base under the vacuum bag.
- A 19 mm - 21,6 mm hole must be cut in the bagging film to allow installation.
- Apply a graphite seal on the bottom and on top of the thread connector piece and place it on the vacuum bag with the base plate under.
- The top piece of the vacuum hose is screwed on the thread connector piece of the vac valve until fixation.

NOTES

- This vacuum valve can be used with our Airflow 800 or BBH 1080 high temperature autoclave hoses.
- Graphite seals can be ordered separately.

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Catalogue position : Vacuum valves and hoses