

piSAVE® sense 03/60 (green), 10p

Item number: 02.02.424



- Vacuum check valves which allows a few suction cups to miss the object(s) and still maintain enough vacuum level in the system with quick response and release times.
- The vacuum check valves shall be used in a centralized vacuum system, one for each suction cup.
- Designing with vacuum check valves will require a smaller vacuum pump and save energy.
- Also suitable for objects with surface leakage around the lip of the suction cup.
- Available in four sizes with different flow performance/characteristics to suit different degree of leakage on handled material and different size of cups.
- The valves are supplied separately for integration or mounted in an AI-fitting with female and male threaded connections to facilitate installation.

Technical data

Description	Unit	Value
Material	-	HNBR, Thermoplastic Polyurethane (TPE-U)
Temperature, max.	°F	176.0
Temperature, min.	°F	-4.0
Weight, min.	oz	0.011
Pump flow/cup minimum	scfm	0.13
Pump flow/cup to close valve	scfm	0.78
Valve colour	-	Green

Material

Name	Thermoplastic Polyurethane (TPE-U)	HNBR 50° Shore A
Color	White transparent	Blue
Temperature, min. °F	-4.0	-22.0
Temperature max. °F	176.0	284.0
Hardness °Shore A	81	50

Material resistance

	Good	Good
Alcohol	Good	Good
Concentrated acids	Poor	Fair
Ethanol	n/a	n/a
Hydrolysis	Poor	Good
Methanol	n/a	n/a
Oil	Excellent	Excellent
Oxidation	Good	Excellent
Gasoline	Poor	Excellent
Wear resistance	Excellent	Excellent
Weather and ozone	Excellent	Excellent

Spare parts

02.02.589 | piSAVE® sense Assembly tool 16mm