



WICOVALVE®

Long-Term Freshness Protection

WICOVALVE®

Little Valve, Big Effect

WICOVALVE® valves are suitable for every product that is degassing, such as coffee, dough, kimchi, sauerkraut, ready meals, soy and mushrooms. The one-way valves guarantee an exceptional integrity and functionality for a period of three years.

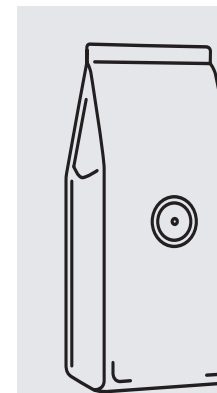
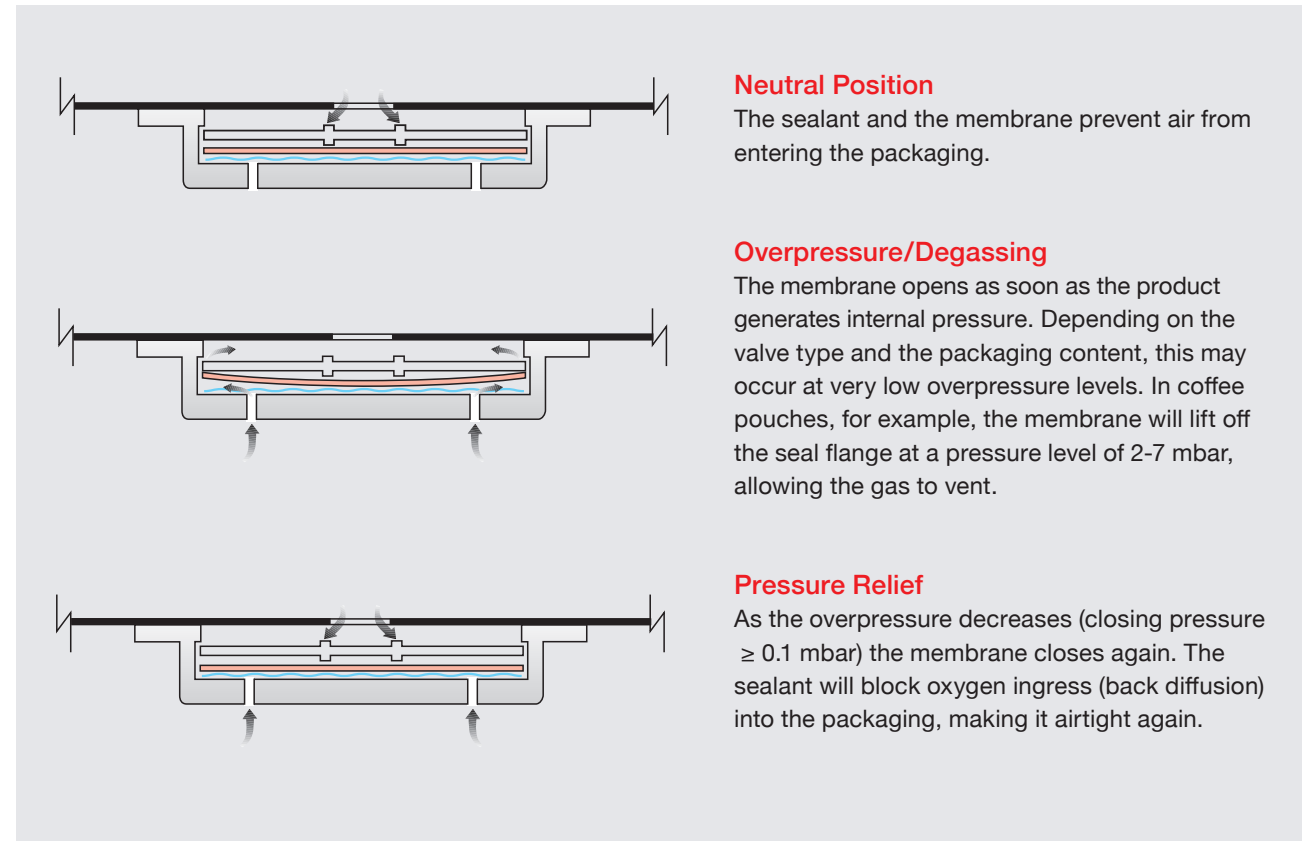


What makes the WICOVALVE® so unique? It is the only product worldwide that assures consistent quality with its functional integrity across a period of three years. This is made possible by high quality valve components and materials such as polyethylene, polypropylene or Ecovio® (a bio compostable material).

During the life cycle of a package, the valve must open and reclose many times without allowing oxygen to diffuse back into the packaging. This is why WICOVALVE® valves, depending on the application, have different material combinations, opening pressure levels, flow rates and particle protection. Thanks to the interaction of these properties, the impeccable quality of the packaged product and its aroma are guaranteed over a lengthy period of time.

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The Functional Principle



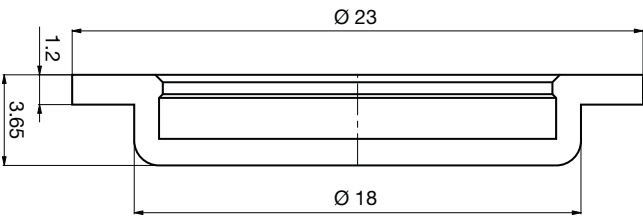
«I don't want to be pretentious, but it's a fact that with me, you have a 3-year warranty, when I am made of PE or PP. Dry products such as coffee are particularly impressed with my performance. It's the award-winning WICOVALVE® that makes the difference. I am also available in a bio compostable version.»

Gusset bag with valve


WICOVALVE® for Heat-Sealing

TYPICAL APPLICATION	VALVE TYPE ARTICLE NO.	BODY MATERIAL	FILTER	OPENING PRESSURE (mbar)	COLOUR	FLOW RATE (l/min) at 6 mbar	FRONT SIDE	BACK SIDE
Bean coffee Dough	W006 4002069	PE	no	2-5	brown	1.1-3.0		
Ground coffee	W016 4007974	PE	yes	2-5	brown	0.4-1.4		
Dream Steam Microwaveable food	W035 4010829	PP	no	5-14	green	4.4-4.8		
Bean Coffee	W009PP 4012795	PP	no	2-7	white	1.5-3.0		
Ground Coffee	W019PP 4013013	PP	yes	2-7	white	0.7-2.0		
Dry pourables	W059 4012520	PE	no	3-9	white	2.3-3.8		
Sauerkraut, kimchi, soy, products with liquids	W029 4012674	PE	yes (liquid- repellent)	4-8	white	0.1-0.3 (at 100 mbar)		

Dimensions in mm

















WICOVALVE® for Ultrasonic Sealing

TYPICAL APPLICATION	VALVE TYPE ARTICLE NO.	BODY MATERIAL	FILTER	OPENING PRESSURE (mbar)	COLOUR	FLOW RATE (l/min) at 6 mbar	FRONT SIDE	BACK SIDE
Bean coffee	W103 4007519	PE	no	3-7	brown	0.8-2.7		
Dough	W107 4007978	PE	no	3-7	ivory	0.8-2.7		
Ground coffee	W113 4007852	PE	yes	3-7	brown	0.5-0.9		
Bean Coffee	W109PP 4012794	PP	no	2-6	white	1.0-3.0		
Ground Coffee	W119PP 4013104	PP	yes	2-6	white	0.5-1.5		
Sauerkraut, kimchi, soy, products with liquids	W129 4012675	PE	yes (liquid- repellent)	5-9	white	0.3-0.5 (at 100 mbar)		

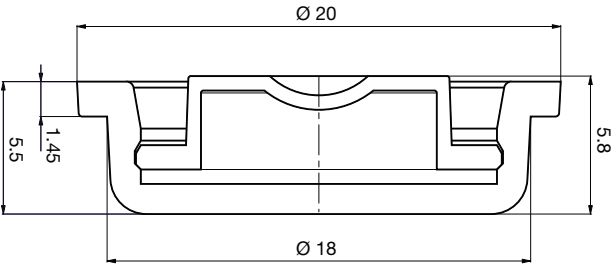
Dimensions in mm



WICOVALVE® for Heat-Sealing


TYPICAL APPLICATION	VALVE TYPE ARTICLE NO.	BODY MATERIAL	FILTER	OPENING PRESSURE (mbar)	COLOUR	FLOW RATE (l/min) at 6 mbar	FRONT SIDE	BACK SIDE
Bean coffee Dough	W606 4008683	PE	no	2 - 5	brown	1.6 - 3.2		
Ground coffee	W616 4009280	PE	yes	2 - 5	brown	1.0 - 2.0		
Bean coffee Dough	W606E 4011904	Ecovio®	no	2 - 7	natural	2.3 - 2.8		
Ground coffee	W616E 4012594	Ecovio®	yes	2 - 7	natural	0.8 - 1.5		
Bean coffee Dough	W609PP 4012797	PP	no	2-7	white	2.5-3.5		
Ground Coffee	W619PP 4012836	PP	yes	2-7	white	1.2-2.0		
Sauerkraut, kimchi, soy, products with liquids	W629 4012705	PE	yes (liquid-repellent)	4-8	white	1.0-2.1 (at 100 mbar)		

Dimensions in mm

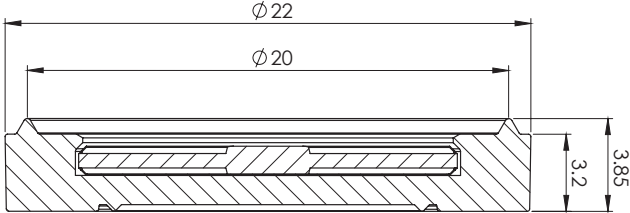


All indications are without obligation. Full specification details with tolerances are available upon request.

WICOVALVE® for Ultrasonic and Heat-Sealing

TYPICAL APPLICATION	VALVE TYPE ARTICLE NO.	BODY MATERIAL	FILTER	OPENING PRESSURE (mbar)	COLOUR	FLOW RATE (l/min) at 6 mbar	FRONT SIDE	BACK SIDE
Bean coffee Dough	W206 4012988	PE	no	2 - 7	brown	0.7-1.5		
Ground coffee	W216 4013029	PE	yes	2 - 7	brown	0.3-0.8		

Dimensions in mm



Main Benefits

Recyclable PP and PE valves	Compostables valves	3-year warranty	100 % inline inspection	Exceptional integrity and functionality
				



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Wipf AG

Industriestrasse 29

P.O. Box

8604 Volketswil, Switzerland

Phone +41 44 947 22 11

info@wipf.ch



wicovalve.com



wipfgroup.com



wipf.ch