



WICOVALVE®

Long-Term Freshness Protection

WICOVALVE®

Little Valve, Big Effect

WICOVALVE® aroma protection 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.



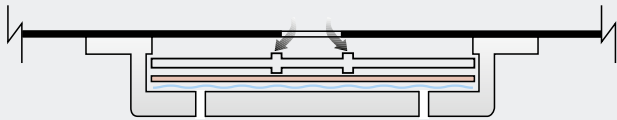
What makes the WICOVALVE® so unique?

It is the only product worldwide that assures consistent quality throughout a period of three years. This is made possible thanks to the use of high quality components and materials such as polyethylene (PE), polypropylene (PP) or bio compostable resins

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.

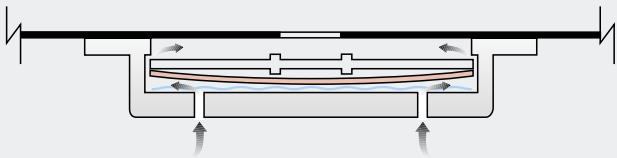
WICOVALVE®

The Functional Principle



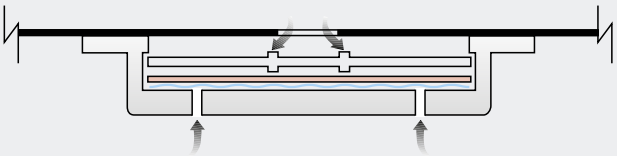
Neutral Position

The sealant and the membrane prevent air from entering the packaging.



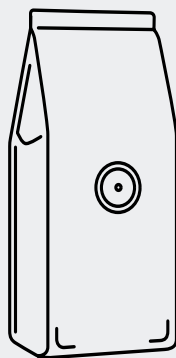
Overpressure/Degassing

The membrane opens as soon as the product generates internal pressure. Depending on the valve type and the packaging content, this may occur at very low overpressure levels.



Pressure Relief

As the overpressure decreases (closing pressure ≥ 0.1 mbar) the membrane closes again. The sealant will block oxygen ingress into the packaging, making it airtight again.






«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

W0xy series

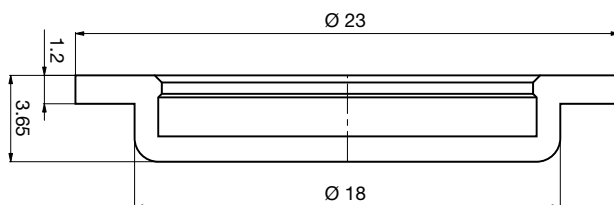
Polyethylene (PE)

TYPICAL APPLICATION	VALVE TYPE ARTICLE NO.	FRONT SIDE	BACK SIDE
Bean coffee Dough	W006 4002069		
Bean coffee Dough	W009 4013128		
Bean coffee Dough Mono-PE	W009PE 4013319		
Ground Coffee	W016 4007974		
Sauerkraut, kimchi, soy, products with liquids	W029 4012674		
Granular bulk material	W059 4012520		

Polypropylene (PP)

TYPICAL APPLICATION	VALVE TYPE ARTICLE NO.	FRONT SIDE	BACK SIDE
Bean coffee Dough Mono-PP	W009PP 4012795		
Ground Coffee Mono-PP	W019PP 4013013		
Dream Steam Microwaveable food	W031 4007164		

Dimensions in mm



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





WICOVALVE® for Ultrasonic and Heat-Sealing

W1xy series

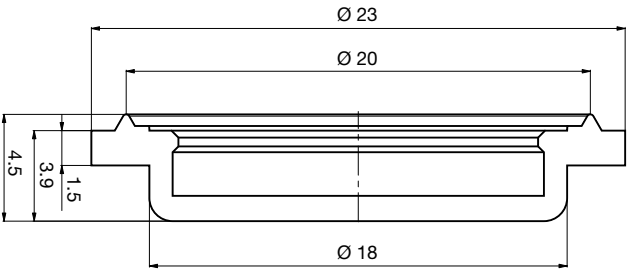
Polyethylene (PE)

TYPICAL APPLICATION	VALVE TYPE ARTICLE NO.	FRONT SIDE	BACK SIDE
Bean coffee	W103 4007519		
Dough	W107 4007978		
Bean coffee Dough Mono-PE	W109PE 4013309		
Ground Coffee	W113 4007852		
Ground Coffee Mono-PE	W119PE 4013314		
Sauerkraut, kimchi, soy, products with liquids	W129 4012675		

Polypropylene (PP)

TYPICAL APPLICATION	VALVE TYPE ARTICLE NO.	FRONT SIDE	BACK SIDE
Bean coffee Dough Mono-PP	W109PP 4012794		
Ground Coffee Mono-PP	W119PP 4013104		

Dimensions in mm







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WICOVALVE® for Heat-Sealing

W6xy series

Polyethylene (PE)

TYPICAL APPLICATION	VALVE TYPE ARTICLE NO.	FRONT SIDE	BACK SIDE
Bean coffee Dough	W606 4008683		
Bean coffee Dough	W609 4009103		
Bean coffee Dough Mono-PE	W609PE 4013315		
Ground Coffee	W616 4009280		
Ground Coffee Mono-PE	W619PE 4013316		
Sauerkraut, kimchi, soy, products with liquids	W629 4012705		

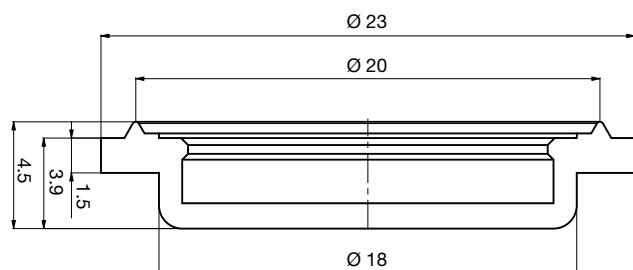
Polypropylene (PP)

TYPICAL APPLICATION	VALVE TYPE ARTICLE NO.	FRONT SIDE	BACK SIDE
Bean coffee Dough Mono-PP	W609PP 4012797		
Ground Coffee Mono-PP	W619PP 4012836		

Biodegradable

TYPICAL APPLICATION	VALVE TYPE ARTICLE NO.	FRONT SIDE	BACK SIDE
Bean coffee Dough	W606E 4011904		
Ground Coffee	W616E 4012594		

Dimensions in mm




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

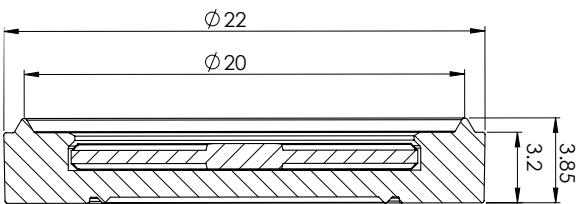
WICOVALVE® for Ultrasonic and Heat-Sealing

W2xy series

Polyethylene (PE)

TYPICAL APPLICATION	VALVE TYPE ARTICLE NO.	FRONT SIDE	BACK SIDE
Bean coffee Dough	W206 4012988		
Ground Coffee	W216 4013029		

Dimensions in mm



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Main Benefits

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



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