

KEOFITT PRODUCT CATALOG 2015



KEOFITT®
WORLD LEADERS IN STERILE SAMPLING™



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פקס: 08-6638120

Dear Customer,

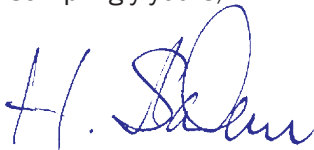
We hope you will find this 2015 KEOFITT PRODUCT CATALOG helpful identifying the right KEOFITT product for your sampling application.

At KEOFITT we pride ourselves with the fact that “All we do is sampling!”. This is still true now more than 40 years after the company was founded. Being the world market’s only true specialist KEOFITT has developed the widest and deepest product range available for hygienic, sterile and aseptic sampling of liquids in all industries.

This year’s big news is the standard inside electro-polish of all our sampling valves, optimizing cleaning and sterilization efficiency. Just one more example of what makes KEOFITT unique in the market and why copies fall short.

Further information can be found at www.keofitt.dk or by contacting your local KEOFITT distributor.

Samplingly yours,



Henrik L. Salomon



CLASSIC



SIMPLEX



REFLEX



ASEPTIC

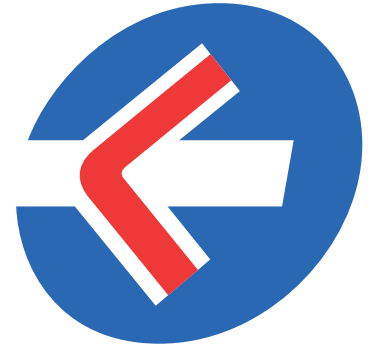
KEOFITT CLASSIC

Coaxial steam sterilizable design with separate inlet for SIP and CIP: The reference for hygienic and microbiological sampling for four decades, this is the original, in-situ sterilizable sampling valve that continues to revolutionize the field of sterile sampling.

Refined over the years - inside electro-polish being the latest addition - it remains the most popular and best selling valve in the market by far. It is based on Keofitt's unique, patented membrane and is used in more than 250,000 sampling points worldwide.

Available in five models/sizes:

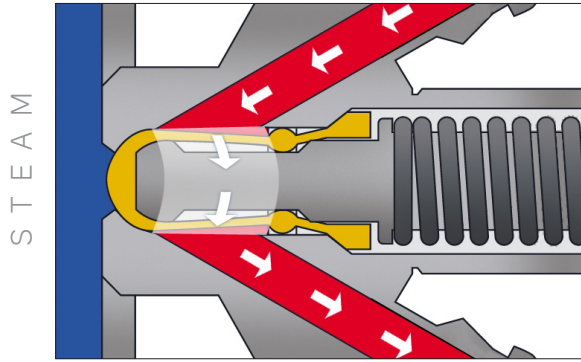
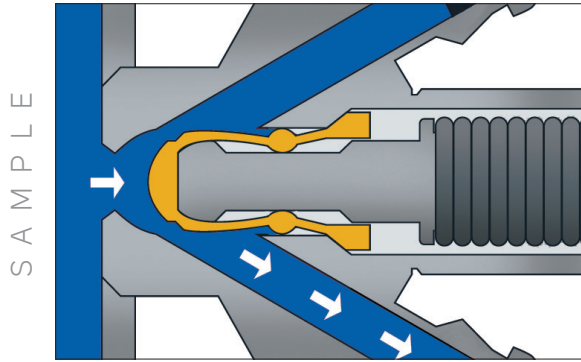
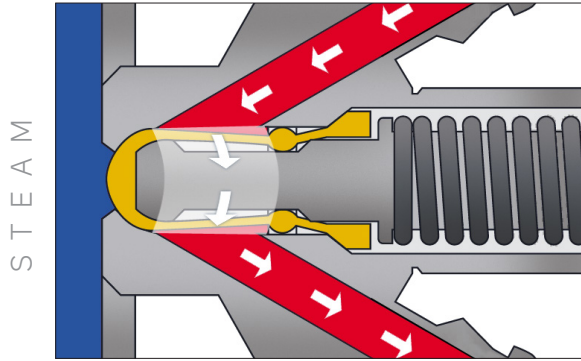
- M4 (ID 4 MM)
- W9 (ID 9 MM)
- "INGOLD" (ID 9 MM)
- W15 (ID 15MM)
- W25 (ID 25MM)



CLASSIC



HOW IT WORKS



SCAN CODE TO SEE ONLINE VALVE FUNCTION VIDEO



KEOFITT CLASSIC M4 SAMPLING VALVE

The KEOFITT CLASSIC M4 Sampling Valve is the smallest KEOFITT valve available. It is designed for the sampling of low viscosity products in the range of 0-100 cP with particles less than 1.5 mm in diameter.

This valve is used in a range of industries such as brewery, dairy, pharmaceutical and bio-tech for products such as:






- Water
- Milk
- Medical solutions
- Filtered Beer
- Perfume
- Olive Oil

Besides the selection of the Valve Body and the Valve Head there are three different membrane materials to choose from: Silicone, EPDM and PTFE.

Accessories include quick couplings for the connection of tubing, piping and more.








KEOFITT CLASSIC M4 SAMPLING VALVE - BODIES

	WELDING BODIES				
	Tank Welding Ø28	Pipe Welding 1"	Pipe Welding NW25	In-Line Vertical	In-Line Horizontal
Hose Piece	 400001	 400011	 400014	 400027*	 400028*
Mini Tri-Clamp	<i>Not available</i>	<i>Not available</i>	<i>Not available</i>	<i>Not available</i>	<i>Not available</i>
Thread M12x0,75	<i>Not available</i>	<i>Not available</i>	<i>Not available</i>	<i>Not available</i>	<i>Not available</i>

* ON REQUEST ONLY!

CONNECTION BODIES

Varivent Ø50	Varivent Ø68	Clamp ½"	Clamp 1"	Thread M28x1,5
 <p>400010</p>	 <p>400009</p>	 <p>400021</p>	 <p>400022</p>	 <p>400031</p>
<p><i>Not available</i></p>	<p><i>Not available</i></p>	<p><i>Not available</i></p>	<p><i>Not available</i></p>	<p><i>Not available</i></p>
<p><i>Not available</i></p>	<p><i>Not available</i></p>	<p><i>Not available</i></p>	<p><i>Not available</i></p>	<p><i>Not available</i></p>



KEOFITT CLASSIC M4 SAMPLING VALVE - HEADS

		Type H Turn knob 0-6 bar (g)	Type K Key ring 0-6 bar (g)	Type Q Lever handle 0-6 bar (g)
M 4 H E A D S	Silicone	 400041	 400042	 400043
	EPDM	 400041E	 400042E	 400043E
	PTFE	 405541	 405542	 405543

**Type N
Pneumatic
0-6 bar (g)**



400044

**Type N
Pneumatic, Adjustable
0-6 bar (g)**



400045

**Type B
No spring
0-12 bar (g)**



400047



400044E



400045E



400047E



405544











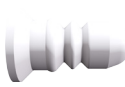



















405545















405547



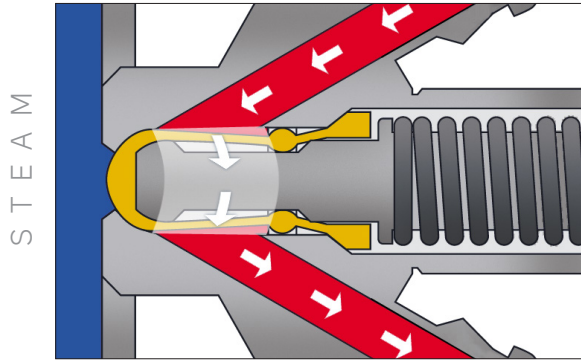
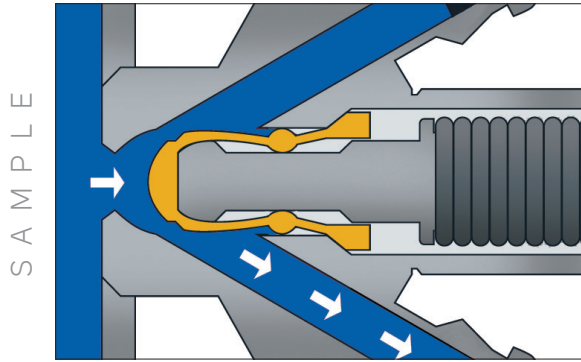
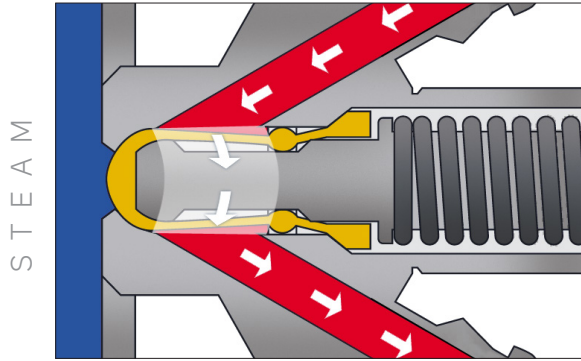
KEOFITT CLASSIC M4 - PARTS & ACCESSORIES

M 4™ PARTS & ACCESSORIES	O-Ring	 400208 O-RING 68 FDA	 400308 EPDM 42X3 FDA	 400820 EPDM 15.6X2.4 FDA	 400830 SILIC. 5.3X2.4 FDA	 400830E 5.3X2.4 EPDM	 550184 O-RING FESTO
	Membrane	 400051 M4 SILICONE	 400052 M4 EPDM	 400055 M4 PTFE			
	For hose piece	 400013 QC SPIKE M4	 400058 COIL M4	 400059 PRV M4	 400061 QC PLUG M4	 400062 RUBBER CAP M4	 400070 QC M4 PIPE
	For hose piece	 550003 PTFE W/QC 1.0M	 550057 ADAPTOR KÄRCHER				
	For valve heads	 400076 KEY RING M4	 400149 BUSHING M4	 400255 TOOL PTFE M4	 600170 Q HANDLE	 900018 TOMMY BAR	
	Misc.	 400064 CHAIN M4	 400067 HOSE P 10/8 M4	 400073 FERRULES	 900008 SOCKET ALU	 900048 PTFE 8/6	 900086 CLAMP 1"

 <p>600825 SILIC. 7.1X1.6 FDA</p>	 <p>800859 7.5X2.5 SILIC</p>	 <p>900074 GASKET 3/4"</p>	 <p>900091 GASKET 1"</p>	 <p>900820 5.1X1.6 SILICONE</p>	 <p>900829 21X4 EPDM</p>
 <p>400071 QC M4 PTFE</p>	 <p>400083 QC M4 MINI TC</p>	 <p>400084 QC M4 ID 4MM</p>	 <p>400085 QC M4 ID 5MM</p>	 <p>400086 QC M4 W9 H.P.</p>	 <p>550002 PTFE W/QC 0.5M</p>



HOW IT WORKS



SCAN CODE TO SEE ONLINE VALVE FUNCTION VIDEO



KEOFITT CLASSIC W9 SAMPLING VALVE

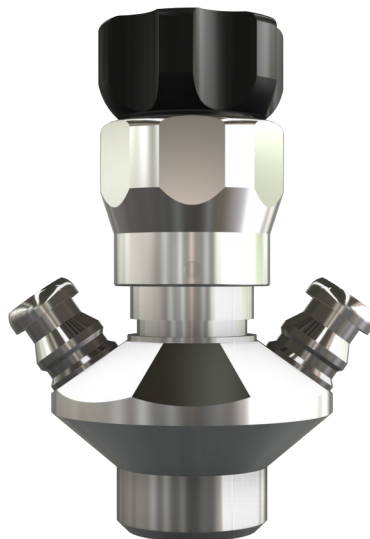
The KEOFITT CLASSIC W9 Sampling Valve is considered the father of all steam-sterilizable sampling valves. Refined through 40 years of experience it remains KEOFITT's most popular sampling valve. Designed for the sampling of medium viscosity products in the range of 0-1000 cP with particles less than 2 mm in diameter, it covers most needs for liquid sampling.

This valve is used in a range of industries such as brewery, dairy, pharmaceutical and bio-tech for products such as:













- Medical solutions
- Filtered Beer
- Creams and lotions
- Unprocessed milk

Besides the selection of the Valve Body and the Valve Head there are three different membrane materials to choose from: Silicone, EPDM and PTFE.

Accessories include quick couplings for the connection of tubing, piping and more.











KEOFITT CLASSIC W9 SAMPLING VALVE - BODIES

	WELDING BODIES				
	Tank Welding Ø28	Pipe Welding 1"	Pipe Welding NW25	In-Line Vertical	In-Line Horizontal
Hose Piece	 850001	 850011	 850014	 850027*	 850028*
Mini Tri-Clamp	 850006	 850010	<i>On request</i>	<i>On request</i>	<i>On request</i>
Thread M16x1,5	 850015	 850016	 850018	<i>On request</i>	<i>On request</i>
Welding Ends	 850007	 850019	<i>On request</i>	<i>On request</i>	<i>On request</i>




* ON REQUEST ONLY!

CONNECTION BODIES

Varivent Ø50	Varivent Ø68	Clamp ½"	Clamp 1"	Clamp 2"	Thread
 <p style="text-align: center;">850008</p>	 <p style="text-align: center;">850009</p>	 <p style="text-align: center;">850036</p>	 <p style="text-align: center;">850021</p>	 <p style="text-align: center;">850003</p>	 <p style="text-align: center;">850031</p>
<p><i>On request</i></p>	 <p style="text-align: center;">850013</p>	 <p style="text-align: center;">850039</p>	 <p style="text-align: center;">850022</p>  <p style="text-align: center;">850025</p>	 <p style="text-align: center;">850005</p>	<p><i>On request</i></p>
<p><i>On request</i></p>	<p><i>On request</i></p>	<p><i>On request</i></p>	 <p style="text-align: center;">850024</p>	<p><i>On request</i></p>	<p><i>On request</i></p>
<p><i>On request</i></p>	<p><i>On request</i></p>	<p><i>On request</i></p>	<p><i>On request</i></p>	<p><i>On request</i></p>	<p><i>On request</i></p>



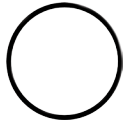





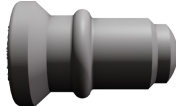

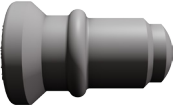

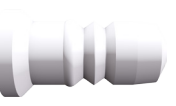

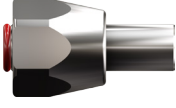



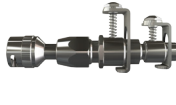


























KEOFITT CLASSIC W9 SAMPLING VALVE - HEADS







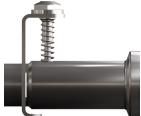











		Type H Turn knob	Type H Turn knob with Microport option	Type K Key ring	Type K Key ring with Microport option
W 9 H E A D S	Silicone	 600041	 600048	 600042	 600049
	EPDM	 600041E	 600048E	 600042E	 600049E
	PTFE	 855541	<i>Not available</i>	 855542	<i>Not available</i>

Type Q Lever handle	Type N Pneumatic 0-6 bar	Type N Pneumatic, Adjustable 0-6 bar	Type B No spring 0-12 bar(g)
 <p data-bbox="263 731 351 757">600043</p>	 <p data-bbox="633 731 722 757">600044</p>	 <p data-bbox="1006 731 1094 757">600045</p>	 <p data-bbox="1381 731 1470 757">600047</p>
 <p data-bbox="257 1237 360 1264">600043E</p>	 <p data-bbox="626 1237 729 1264">600044E</p>	 <p data-bbox="999 1237 1101 1264">600045E</p>	 <p data-bbox="1374 1237 1477 1264">600047E</p>
 <p data-bbox="263 1736 351 1763">855543</p>	 <p data-bbox="633 1736 722 1763">855544</p>	 <p data-bbox="1006 1736 1094 1763">855545</p>	 <p data-bbox="1381 1736 1470 1763">855547</p>



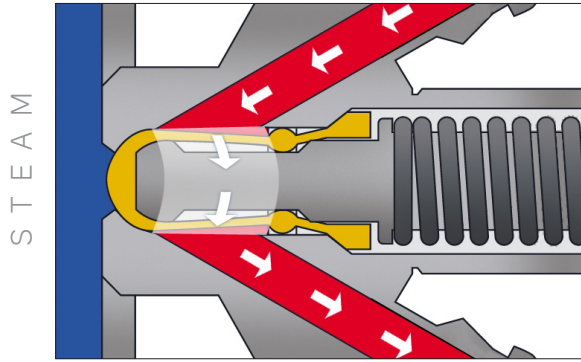
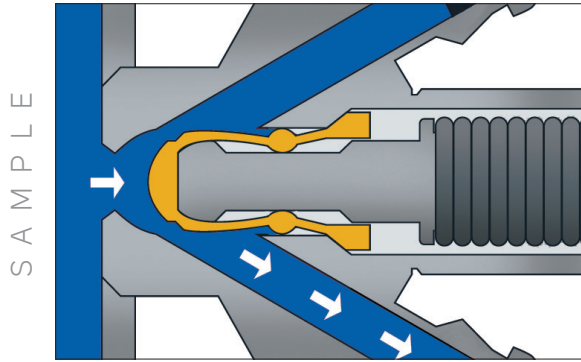
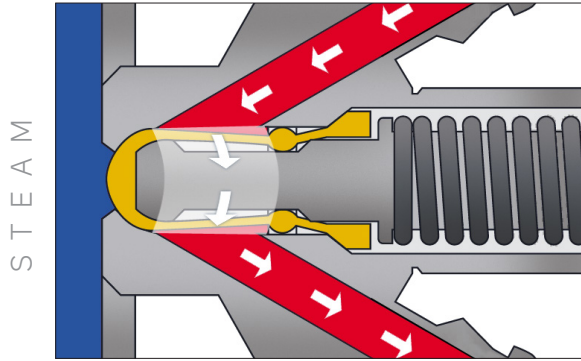
KEOFITT CLASSIC W9 - PARTS & ACCESSORIES

W 9™ PARTS & ACCESSORIES	O-Rings	 400208 O-RING 68 FDA	 400308 EPDM 42X3 FDA	 550184 O-RING FESTO	 600825 SILIC. 7.1X1.6 FDA	 600825E 7.1X1.6 EPDM	 800830 10.3X2.4 SILIC
	Membranes	 600051 W9 SILICONE	 600052 W9 EPDM	 600251 SILICONE W9 MP	 600252 EPDM W9 MP	 850055 PTFE W9/SIMPLEX	
	For thread M16x1,5	 700061 STEEL CAP W9	 700070 TUBE FITTING WL	 700071 TUBE FITTING PTFE	 700084 BARB 4MM	 700085 BARB 8.5 X 6MM	
	For hose piece	 550057 ADAPTOR KÄRCHER	 600062 RUBBER CAP W9	 800013 QC W9 SPIKE	 800058 COIL W9	 800061 QC W9 PLUG	 800070 QC W9 WL
	For mini tri-clamp	 300021 CLAMP/PTFE 10/8	 550002 PTFE W/QC 0.5M	 550003 PTFE W/QC 1.0M	 550004 PTFE W/TC 0.5M	 550005 PTFE W/TC 1.0M	 800014 ADAPTER TC/1"
	For valve heads	 600076 KEY RING W9	 600149 BUSHING W9	 600170 Q HANDLE	 600255 TOOL PTFE W9	 900018 TOMMY BAR	
	Misc.	 600064 CHAIN W9	 600065 CHAIN W9	 600073 FERRULES	 600166 PROX SWITCH	 600167 PLUG PROX SWITCH	 700108 HOSE PIECE W9
		 900069 WICK W9 MP	 900074 GASKET 3/4"	 900075 CLAMP 1/2"	 900086 CLAMP 1"		

 800830E 10.3X2.4 EPDM	 800859 7.5X2.5 SILIC	 900091 GASKET 1"	 900829 21X4 EPDM		
 800071 QC W9 PTFE	 800082 QC W9 HOSE ID 7	 800083 QC W9 TC	 800086 QC W9 M4 HP	 850059 PRV 0-3 BAR(G)	 900045 ADAPTER W9/ISO
 900013 MINI CLAMP SPIKE	 900096 ADAPTER W9/TC				
 800052 HP/HP W9	 800075 WL F/PTFE	 850840 PINOL SCREW	 900008 SOCKET ALU	 900022 NEEDLE W9	 900047 PTFE 10/8



HOW IT WORKS



SCAN CODE TO SEE ONLINE VALVE FUNCTION VIDEO



KEOFITT CLASSIC “INGOLD” SAMPLING VALVE

The KEOFITT CLASSIC “INGOLD” sampling valve is designed to fit bio-connectors type Ingold®. Designed for the sampling of medium viscosity products in the range of 0-1000 cP with particles less than 2 mm in diameter, it covers most needs for liquid sampling.

This valve is used in a range of industries such as brewery, dairy, pharmaceutical and bio-tech for products such as:



- Medical solutions
- Filtered Beer
- Creams and lotions
- Unprocessed milk

Besides the selection of the Valve Body and the Valve Head there are three different membrane materials to choose from: Silicone, EPDM and PTFE.

Accessories include quick couplings for the connection of tubing, piping and more.



KEOFITT CLASSIC “INGOLD” SAMPLING VALVE - BODIES

		STANDARD FOR 40 MM PORT LENGTH*	
INGOLD BODIES	Hose Piece	<i>On request</i>	<i>On request</i>
	Mini Tri-Clamp	 310002	 310005
	Thread M16x1,5	<i>On request</i>	<i>On request</i>

* OTHER PORT LENGTH - PLEASE SPECIFY

STANDARD FOR 52 MM PORT LENGTH*

On request

On request



320002



320005








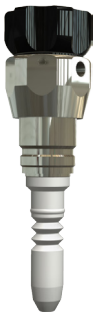

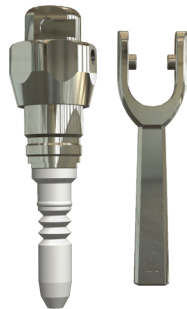

On request

On request

* OTHER PORT LENGTH - PLEASE SPECIFY



KEOFITT CLASSIC "INGOLD" SAMPLING VALVE - HEADS

		Type H Turn knob 0-6 bar(g)		Type Q Lever handle 0-6 bar(g)	
INGOLD HEADS	Silicone				
		310041	320041	310043	320043
	EPDM				
	310041E	320041E	310043E	320043E	
PTFE					
	315541	325541	315543	325543	

**Type N
Lever handle
Pneumatic 0-6 bar(g)**

**Type N
Pneumatic, Adjustable
0-6 bar**



310044



320044

On request



310044E



320044E

On request



315544


















325544

On request



KEOFITT CLASSIC "INGOLD" - PARTS & ACCESSORIES

W 9™ INGOLD PARTS & ACCESSORIES	O-Rings	 300118 EPDM 20.24X2.62	 300119 20.24X2.62 FDA	 550184 O-RING FESTO
	Membranes	 310051 I40 SILICONE	 310052 I40 EPDM	 310055 I40 PTFE
	For mini tri-clamp	 300021 CLAMP/PTFE 10/8	 550004 PTFE W/TC 0.5M	 550005 PTFE W/TC 1.0M
	For valve heads	 300255 TOOL PTFE INGOLD	 600149 BUSHING W9	 600170 Q HANDLE
	Misc.	 320530 ADAPT. 30 F/152	 320540 ADAPT. 40 F/152	 850822 SLIDE BEARING



850820
PISTON RING NBR



850821
SCRAPER RING



900074
GASKET 3/4"



320051
I52 SILICONE



320052
I52 EPDM



320055
I52 PTFE



800014
ADAPTER TC/1"



800083
QC W9 TC



900013
MINICLAMP SPIKE



900096
ADAPTER W9/TC



600170
Q HANDLE



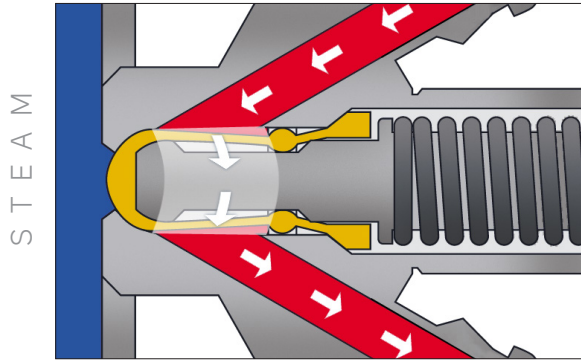
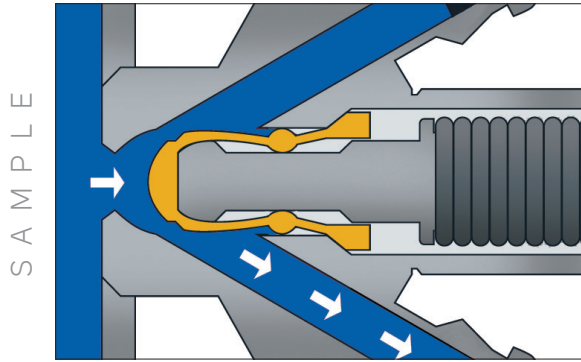
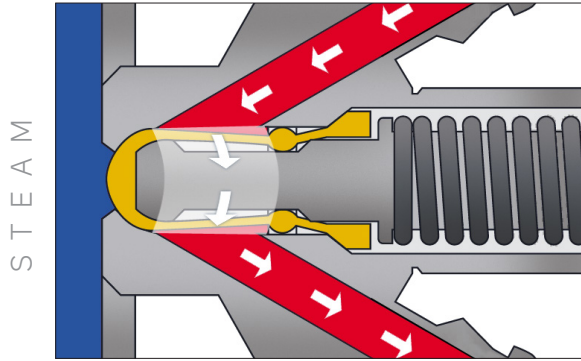
900018
TOMMY BAR



900075
CLAMP 1/2"



HOW IT WORKS



SCAN CODE TO SEE ONLINE VALVE FUNCTION VIDEO



KEOFITT CLASSIC W15 SAMPLING VALVE

The KEOFITT CLASSIC W15 Sampling Valve is designed for high viscosity products in the range of 0-50,000 cP with particles up to 8 mm in diameter.

This valve is used in a range of industries such as brewery, dairy, pharmaceutical and bio-tech for products such as:

- Yoghurt
- Honey
- Syrup
- Ketchup
- Marmalade
- Creams and lotions
- Fruit pulp products

Available with PTFE membrane.



KEOFITT CLASSIC W15 SAMPLING VALVE - BODIES

	WELDING BODIES	
	Tank Welding	Pipe Welding
Hose Piece	<i>Not available</i>	<i>Not available</i>
Mini Tri-Clamp	 <p>860001</p>	 <p>860011</p>
Thread M16x1,5	<i>Not available</i>	<i>Not available</i>

W 1 5 B O D I E S

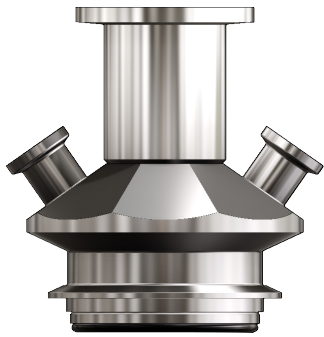
CONNECTION BODIES

Varivent Ø68

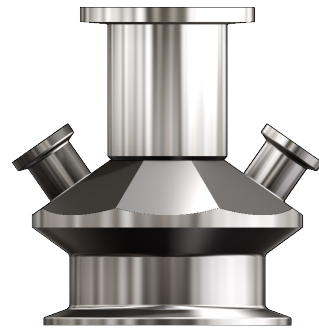
Clamp

Not available

Not available



860009




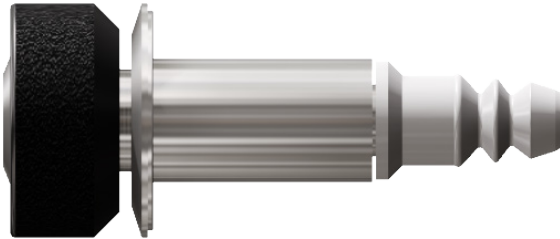
860003

Not available

Not available



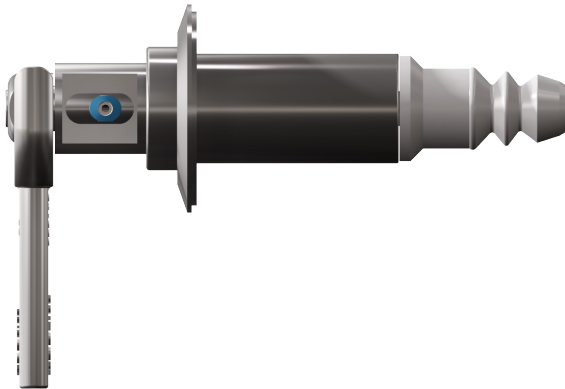
KEOFITT CLASSIC W15 SAMPLING VALVE - HEADS

		Type H Turn knob 0-6 bar (g)	Type B No spring 0-12 bar (g)
		W 1 5 H E A D S	
<p>Not available</p>	<p>Not available</p>		
PTFE		 <p>865541</p>	 <p>865547</p>

**Type N
Pneumatic
0-6 bar (g)**

Not available

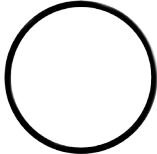


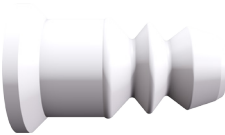







Not available



865544



KEOFITT CLASSIC W15 - PARTS & ACCESSORIES

W 15™ PARTS & ACCESSORIES	O-Rings	 <p>400208 O-RING 68 FDA</p>	 <p>550184 O-RING FESTO</p>	 <p>850821 SCRAPER RING</p>
	Membranes	 <p>860055 PTFE W15</p>		
	For mini tri-clamp	 <p>300021 CLAMP/PTFE 10/8</p>	 <p>550004 PTFE W/TC 0.5M</p>	 <p>550005 PTFE W/TC 1.0M</p>
	For valve heads	 <p>600170 Q HANDLE</p>	 <p>860255 TOOL PTFE W15</p>	
	Misc.	 <p>850822 SLIDE BEARING</p>	 <p>900075 CLAMP 1/2"</p>	



850824
RING Ø30 X 22 X 3,25



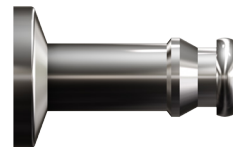
900074
GASKET 3/4"



800014
ADAPTER TC/1"



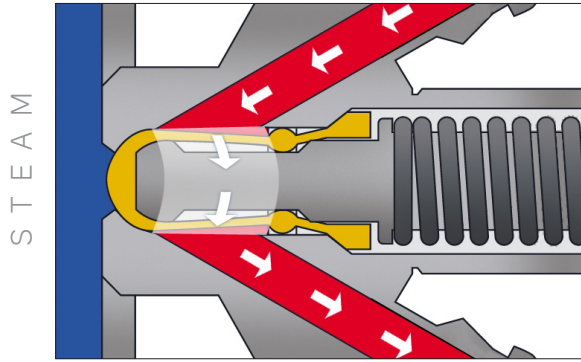
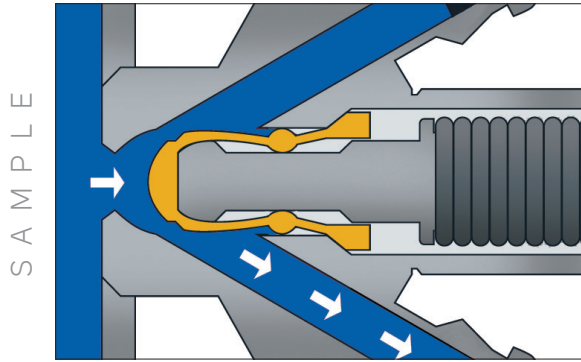
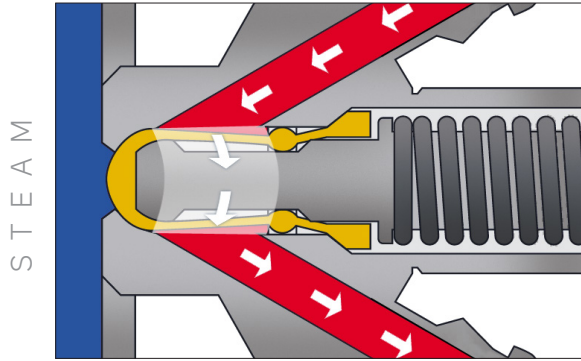
900013
MINICLAMP SPIKE



900096
ADAPTER W9/TC



HOW IT WORKS



SCAN CODE TO SEE ONLINE VALVE FUNCTION VIDEO



KEOFITT CLASSIC W25 SAMPLING VALVE

The KEOFITT CLASSIC W25 Sampling Valve is the largest KEOFITT sampling valve. Designed for sampling of very high viscosity products in the range of 0-250,000 cP and particles less than 17 mm in diameter.


This valve is used in a range of industries such as food, dairy, pharmaceutical and bio-tech for products such as:

- Peanut Butter
- Fruit Pulp
- Syrup
- Cellulose
- Fruit Mixed Products
- Cosmetics

Available with PTFE membrane.



KEOFITT CLASSIC W25 SAMPLING VALVE - BODIES

W 25 BODIES	WELDING BODIES	
	Tank Welding	Pipe Welding
	Hose Piece	<i>Not available</i>
1" Clamp	 <p>870001</p>	<i>On request</i>
Thread M16x1,5	<i>Not available</i>	<i>Not available</i>

CONNECTION BODIES

Varivent Ø68

Clamp

Not available

Not available

On request

On request

Not available

Not available



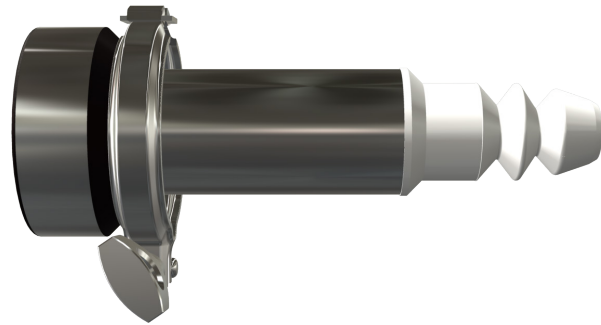
KEOFITT CLASSIC W25 SAMPLING VALVE - HEADS

W 2 5 H E A D S		
Silicone	<i>Not available</i>	Type N Lever handle Pneumatic
EPDM	<i>Not available</i>	
PTFE	<i>On request</i>	

**Type B
No spring
0-12 bar**

Not available

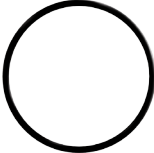
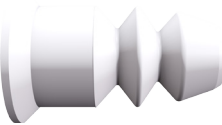

Not available



875547



KEOFITT CLASSIC W25 - PARTS & ACCESSORIES

W 25™ PARTS & ACCESSORIES				
	O-Rings	 <p>400208 O-RING 68 FDA</p>		
	Membranes	 <p>870055 PTFE W25</p>		
	For valve heads	 <p>870255 TOOL PTFE W25</p>		



KEOFITT SIMPLEX

Finally an upgrade from ordinary, non-hygienic sampling cocks, this valve is EHEDG certified to be CIP-able with process CIP.

True to the Keofitt concept, it is available with various process and sample outlet connections with manual or pneumatic operation.

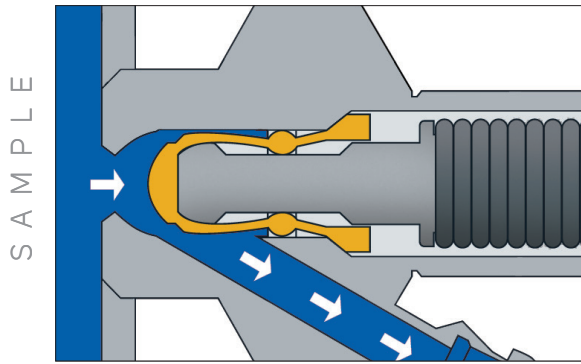
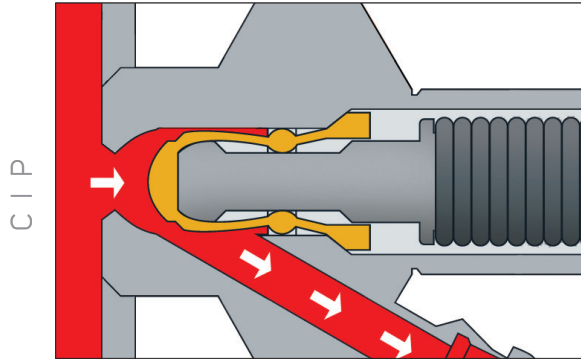
If what you need is a simple process CIP-able sampling valve supported by EHEDG certification; choose Simplex!



SIMPLEX



HOW IT WORKS



KEOFITT SIMPLEX SAMPLING VALVE

The KEOFITT SIMPLEX Sampling Valve is our product category for process CIPable sampling valves for less demanding applications that require no separate inlet for sterilizing or sanitizing media.

This valve is designed for sampling of low or medium viscosity products in the range of 0-1,000 cP with particles less than 2 mm in diameter.

Simplex™ is used for simple, hygienic sampling in all industries for products such as:











- Water
- Unprocessed Milk
- Perfume
- Fruit Juice

Available in manual and pneumatic versions this valve is offered complete as a valve body and valve head combination.

Choose from silicone, EPDM or PTFE membranes.



KEOFITT SIMPLEX SAMPLING VALVES

		MANUAL VALVE				
		Tank welding	Pipe welding	Mini clamp	1" Clamp	Ø68 varivent
Hose Piece						
	Silicone	830141	831141	832141	832241	830941
	EPDM	830141EPDM	831141EPDM	832141EPDM	832241EPDM	830941EPDM
	PTFE	830141PTFE	831141PTFE	832141PTFE	832241PTFE	830941PTFE
Welding Liner						
	Silicone	830141.2	831141.2	<i>On request</i>		
	EPDM	830141.2EPDM	831141.2EPDM			
	PTFE	830141.2PTFE	831141.2PTFE			

KEOFITT SIMPLEX™

Hose Piece

Welding Liner

Silicone

EPDM

PTFE











Silicone

EPDM

PTFE

On request

PNEUMATIC VALVE

Tank welding	Pipe welding	Mini clamp	1" Clamp	Ø68 varivent
				
830144	831144	832144	832244	830944
830144EPDM	831144EPDM	832144EPDM	832244EPDM	830944EPDM
830144PTFE	831144PTFE	832144PTFE	832244PTFE	830944PTFE
				

On request



KEOFITT SIMPLEX - PARTS & ACCESSORIES

SIMPLEX™ PARTS & ACCESSORIES	O-Ring	 400208 O-RING 68 FDA	 550184 O-RING FESTO	 800830 10.3X2.4 SILIC	 900074 GASKET 3/4"
	Membrane	 600051 W9 SILICONE	 600052 W9 EPDM	 850055 PTFE W9/SIMPLEX	
	For hose piece	 550002 PTFE W/QC 0.5M	 550003 PTFE W/QC 1.0M	 600062 RUBBER CAP W9	 800013 QC W9 SPIKE
		 800083 QC W9 TC	 800086 QC W9 M4 HP	 900045 ADAPTER W9/ISO	
	Misc.	 600170 Q HANDLE	 600255 TOOL PTFE W9	 800075 WL F/PTFE	 900075 CLAMP 1/2"



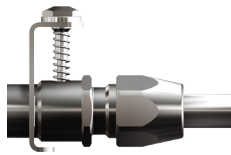
900091
GASKET 1"



800058
COIL W9



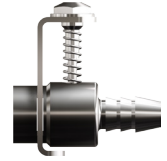
800061
QC W9 PLUG



800070
QC W9 WL



800071
QC W9 PTFE



800082
QC W9 HOSE ID 7



900086
CLAMP 1"



KEOFITT REFLEX

Taking the successful design of the classic KEOFITT valves to the third millennium: The patented KEOFITT REFLEX is the only steam-sterilizable sampling valve in the world to completely eliminate the usually unavoidable dead-space involved with the steam-inlet connection.

This gives you:

- No open steam inlet while sampling: No risk of steam condensate or other leftovers secretly contaminating your sample.
- Minimal volume in valve chamber when sampling: Minimal sample size required.
- Unique, incorporated sterilization of the area behind the membrane and the seal between the valve head and the valve chamber: No risk of cross-contamination from the valve actuator area.
- Increased efficiency during sterilization due to steam flow angle: Optimal sterilization of valve seat in minimum time.
- Unique, incorporated CIP/SIP control valve: Eliminates need for additional control valve in most cases.
- Fully drainable even when positioned upside-down in the bottom of a tank: More than just the best-ever sampling valve design, this makes it the best designed bottom/harvest valve in the marketplace.

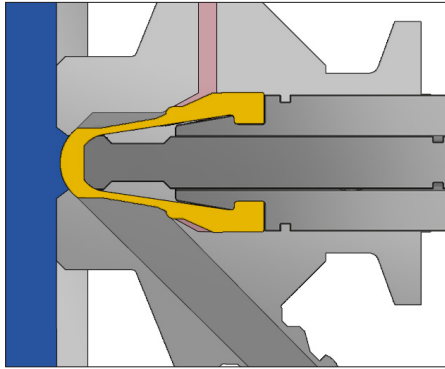


REFLEX

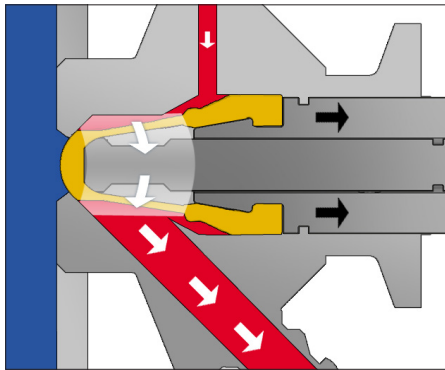


HOW IT WORKS

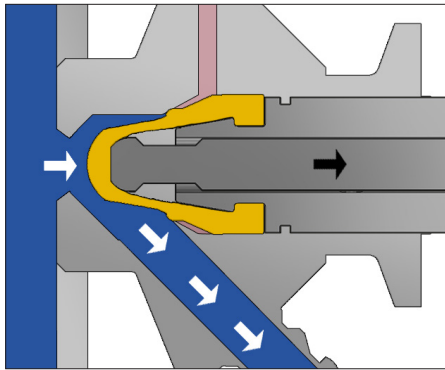
NORMAL
POSITION



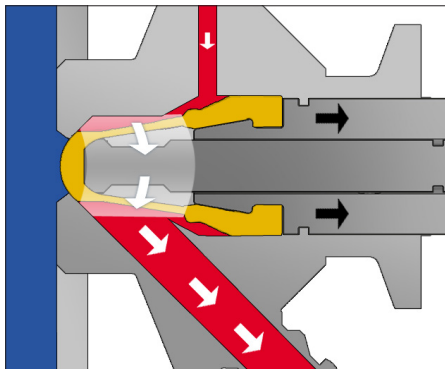
STEAM



SAMPLE



STEAM




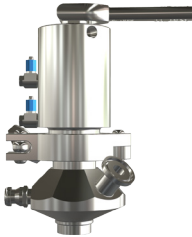
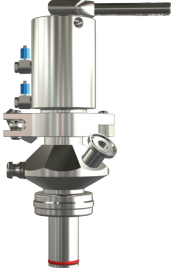

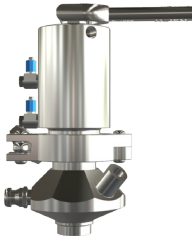



SCAN CODE TO SEE ONLINE VALVE FUNCTION VIDEO





KEOFITT REFLEX SAMPLING VALVES

	WELDING VALVES		INGOLD®
	Tank Welding	Pipe Welding	
Hose Piece			<i>On request</i>
Silicone	880001	880011	
EPDM	880001E	880011E	
PTFE	885501	885511	
Mini Tri-Clamp			
Silicone	880006	880010	-
EPDM	880006E	880010E	-
PTFE	885506	885510	885532
Welding liner			
Silicone	880007	880017	-
EPDM	880007E	880017E	-
PTFE	885507	885517	885537


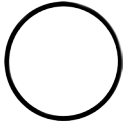












KEOFITT REFLEX™




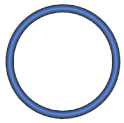


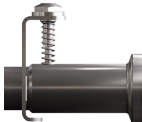





CONNECTION VALVES

Varivent Ø50	Varivent Ø68	Clamp 1"	Clamp 2"
			
880008	880009	880021	880003
880008E	880009E	880021E	880003E
885508	885509	885521	885503
<i>On request</i>	<i>On request</i>		
		880022	880005
		880022E	880005E
		885522	885505
<i>On request</i>	<i>On request</i>		
		880027	ON REQUEST
		880027E	ON REQUEST
		885527	ON REQUEST



KEOFITT REFLEX - PARTS & ACCESSORIES

REFLEX™ PARTS & ACCESSORIES	O-Rings	 300118 EPDM 20.24X2.62	 300119 20.24X2.62 FDA	 400208 O-RING 68 FDA	 550184 O-RING FESTO	 600825 SILIC. 7.1X1.6 FDA	 600825E 7.1X1.6 EPDM
	Membranes	 333155 PTFE REFLEX I40	 333255 PTFE REFLEX I52	 880051 SILICONE REFLEX	 880052 EPDM REFLEX	 880055 PTFE REFLEX	
	For hose piece	 800013 QC W9 SPIKE	 800058 COIL W9	 800061 QC W9 PLUG	 800070 QC W9 WL	 800071 QC W9 PTFE	 800082 QC W9 HOSE ID 7
	For mini tri-clamp	 300021 CLAMP/PTFE 10/8	 550002 PTFE W/QC 0.5M	 550003 PTFE W/QC 1.0M	 550004 PTFE W/TC 0.5M	 550005 PTFE W/TC 1.0M	 900013 MINICLAMP SPIKE
	For welding end	 800075 WL F/PTFE					
	For valve heads	 600170 Q HANDLE	 880255 TOOL REFLEX PTFE				
	Misc.	 320530 ADAPT. 30 F/I52	 320540 ADAPT. 40 F/I52	 830100 IN/OUTLET HP	 830107 IN/OUTLET WL	 830121 IN/OUTLET TC	 850059 PRV W9

 <p>800830 10.3X2.4 SILIC</p>	 <p>800830E 10.3X2.4 EPDM</p>	 <p>830825 7X1 SILIC. FDA</p>	 <p>880830 20,35X1,78 EPDM</p>	 <p>900074 GASKET 3/4"</p>	 <p>900091 GASKET 1"</p>
 <p>800083 QC W9 TC</p>	 <p>800086 QC W9 M4 HP</p>				
 <p>900096 ADAPTER W9/TC</p>					
 <p>900045 ADAPTER W9/ISO</p>	 <p>900075 CLAMP 1/2"</p>	 <p>900086 CLAMP 1"</p>			



KEOFITT ASEPTIC

This is where you find everything you need to complete your KEOFITT sampling system:

The main products for this category is the unique single-use sampling bag systems allowing safe and aseptic sampling from any type of sampling valve. You can improve sample integrity and convenience immediately by using these products for existing sampling devices – whether they are KEOFITT or not.

The Aseptic product category also includes septums for needle sampling.



ASEPTIC



HOW IT WORKS

STERILIZE VALVE & BAG



FILL BAG



CLOSE & RELEASE BAG



SCAN CODE TO SEE ONLINE VALVE FUNCTION VIDEO



KEOFITT SAMPLING BAGS

The Keofitt Sampling Bags have all been developed as single-use solutions to the cumbersome and difficult task of taking a representative sample and bringing it safe and clean from the sampling point to the laboratory.

At the same time the Keofitt Sampling Bags offer convenience and safety in use and higher efficiency in the work process. No prior assembly or cleaning of any components; no glass or metal component is introduced to the production area.

All Keofitt Sampling Bags are made of medical grade plastics complying with all relevant FDA, USP and ISO regulations for both the food and the pharmaceutical/biotech industries.

The Keofitt Sampling Bags are delivered separately packed and sterilized by irradiation. In each carton a Radiation Certificate and a Certificate of Conformity are enclosed.

The Keofitt Sampling Bags are manufactured following strict in-process testing including a test for endotoxins.

The proper performance of all Keofitt Sampling Bags is supported by a number of validation documents covering SIP'ability, biocompatibility, extractables, USP Class VI, endotoxins, mechanical and chemical properties etc.



KEOFITT STERILE SAMPLING BAGS

The Keofitt Sterile Sampling Bag is a sterile, pre-irradiated sampling bag wrapped in a sealed PE-bag. The sterile condition and the closed fluid path enables the user to extract liquid samples from the process line greatly reducing the risk of contaminating the sample from airborne contaminants in the environment compared to using traditional sample recipients.

The Keofitt Sterile Sampling Bag is the ultimate sampling bag solution based on Keofitt's renowned high quality and ultra hygienic sampling valve design. It is delivered with either a Mini Sanitary Clamp or a Keofitt W9 Quick Coupling.

The Sterile Sampling Bag is intended for collecting and easy storage of samples for chemical analysis. For microbiological samples the Aseptic Sampling Bag is recommended.


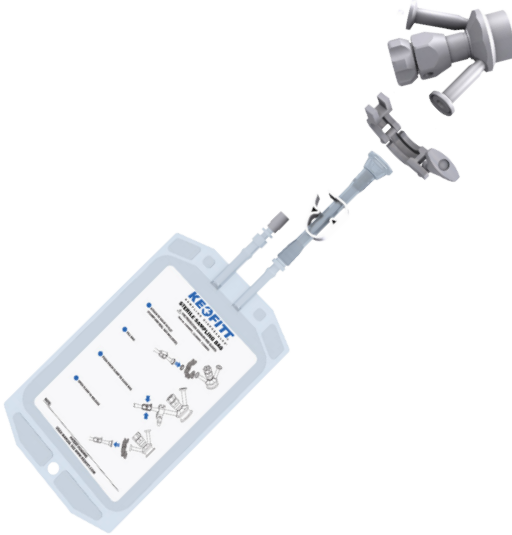
The product to be sampled should have a maximum viscosity of 1000 cP and should not contain particles larger than 3 mm in diameter. Products with higher viscosity may be sampled, only will it take longer.

The Keofitt Sampling Bag is foreseen with a secondary port with a septum for extracting a sample of the sample or for injecting a substance into the sample. The secondary port also fitted with Luer Lock fittings (male and female) for secure and sterile connection to relevant equipment in a Laminar Air Flow (LAF) bench.

SCAN CODE TO SEE ONLINE VALVE FUNCTION VIDEO



KEOFITT SAMPLING BAGS

		STERILE SAMPLING BAGS		
		Size		Art. no.
Hose Piece		500	ML	110500
		1000	ML	111000 *
		2000	ML	112000 *
Mini Tri-Clamp		500	ML	110500TC *
		1000	ML	111000TC *
		2000	ML	112000TC*

* ON REQUEST ONLY!



KEOFITT ASEPTIC SAMPLING BAGS

The Keofitt Aseptic Sampling Bag is a sterile, pre-irradiated sampling bag wrapped in a sealed PE-bag. Contrary to the Sterile Sampling Bag the Aseptic Bag is equipped with a 3-way valve allowing to steam sterilize the bag system before sampling. The sterile condition and this possibility to steam the flowpath in a closed circuit enable the user to extract a truly representative aseptic sample from a liquid process line sampling point in a convenient way.

The Keofitt Aseptic Sampling Bag is the ultimate sampling bag solution based on Keofitt's renowned high quality and ultra hygienic sampling valve design. The unique design allows the connection between the sampling valve and the sampling bag to be steam sterilized in place. It is delivered with either a Mini Sanitary Clamp or a Keofitt W9 Quick Coupling.

The Aseptic Sampling Bag is a single use product intended for collecting and easy storage of samples from true aseptic samples for microbiological and chemical analysis.

The product to be sampled should have a maximum viscosity of 1000 cP and should not contain particles larger than 3 mm in diameter. Products with higher viscosity may be sampled, only will it take longer.

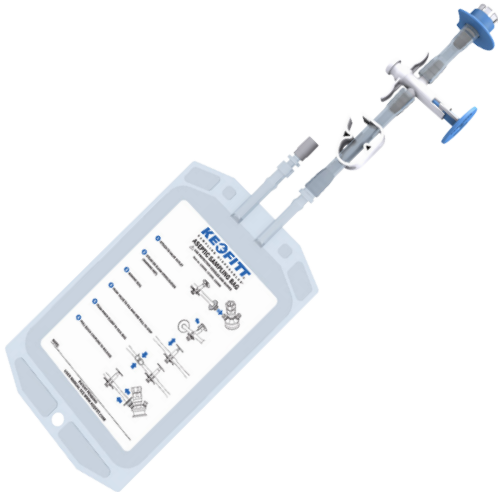
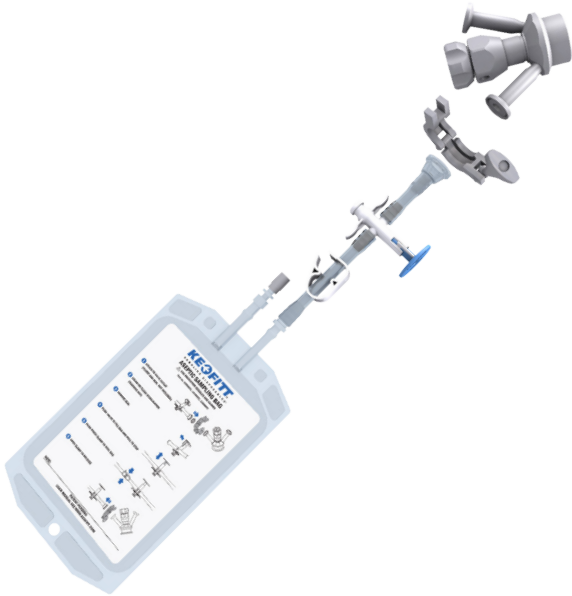
The Keofitt Sampling Bag is foreseen with a secondary port with a septum for extracting a sample of the sample or for injecting a substance into the sample. The secondary port also fitted with Luer Lock fittings (male and female) for secure and sterile connection to relevant equipment in a Laminar Air Flow (LAF) bench.

SCAN CODE TO SEE ONLINE VALVE FUNCTION VIDEO



KEOFITT SAMPLING BAGS

ASEPTIC SAMPLING BAGS

		Size		Art. no.
Hose Piece		50	ML	120050
		250	ML	120250
		500	ML	120500
		1000	ML	121000
		2000	ML	122000
		Mini Tri-Clamp		50
250	ML			120250TC
500	ML			120500TC
1000	ML			121000TC
2000	ML			122000TC



KEOFITT SPIKE SAMPLING BAGS

The Keofitt Spike Sampling Bag is a cost-effective single-use sampling bag to be used where requirements to sterility and storage time are less severe. It features a unique auto-sealing septum allowing very thick needles for fast and convenient sampling of most liquids including viscous products.

The Keofitt Spike Sampling Bag is a single-layer sampling bag manufactured under cleanroom conditions (class D) and available in 2 versions:

- A polypropylene (PP) bag where cleanroom manufacturing conditions are sufficient
- A polyethylene (PE) bag which has been sterilized by irradiation

The Spike Sampling Bag features a unique sealed and sterilized septum, which accepts very large needles (spikes) with 2-3 mm internal diameter. This assures a much faster sampling process than otherwise experienced with hypodermic needles. Despite the large needle the unique septum design assures an auto-sealing effect after collection of the sample.

The Spike Sampling Bag works with the Keofitt Quick Coupling Spikes that fit all standard Simplex, M4 and W9 Keofitt Sampling valves with either Keofitt Hose Piece connection or Mini Clamp connection (see Accessories).

SCAN CODE TO SEE ONLINE VALVE FUNCTION VIDEO



SPIKE BAGS



Size	Art. no.
500 ML	130500PE
1000 ML	131000PE
500 ML	130500PP
1000 ML	131000PP

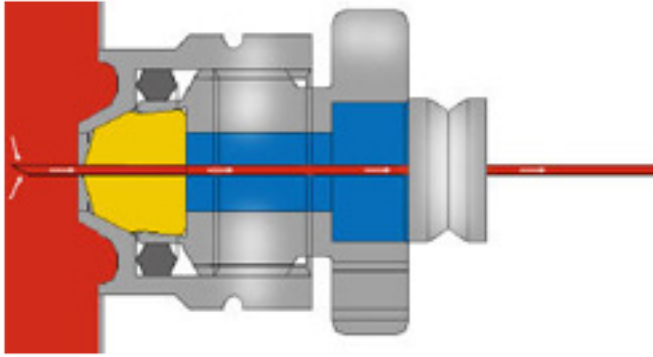


KEOFITT SAMPLING BAGS - PARTS & ACCESSORIES

SAMPLING BAGS PARTS & ACCESSORIES	For hose piece	 <p>400013 QC SPIKE M4</p>	 <p>800013 QC W9 SPIKE</p>
	For mini clamp	 <p>900013 MINICLAMP SPIKE</p>	
	Misc.	 <p>150000 BAG CARRIER</p>	



HOW IT WORKS



KEOFITT MICRO PORT

The KEOFITT MICRO PORT is a re-sealing rubber septum designed to take samples using hypodermic needles or syringes with minimal risk of contamination. Designed for sampling low viscosity products in the range 0-50 cP.

The KEOFITT MICRO PORT is easy to use and maintain, if needle sampling is required.




The Micro Ports are used in a range of business areas, such as brewery, dairy, pharmaceutical and biotechnological industries, with a wide range of products such as:

- Water
- Medical solutions
- Milk
- Filtered Beer
- Perfume
- Olive Oil

Available as a single septum or as a MULTI MICRO PORT with seven septums.



KEOFITT MICRO PORT

MICRO PORT / MULTI MICRO PORT 49	MICRO PORT		
	Tank	Pipe Welding 1"	Pipe Welding NW25
	Silicone membrane	<i>Not available</i>	<i>Not available</i>
Butyl (IRR) membrane	 <p>900056</p>	 <p>900057</p>	 <p>900014</p>
PTFE membrane	<i>Not available</i>	<i>Not available</i>	<i>Not available</i>

MULTI MICRO PORT 49

**Tank Welding
7xButyl membrane**

**Varivent Ø68
7xButyl membrane**

**Clamp 3"
7xButyl membrane**

Not available

Not available

Not available



840001



840009



840020

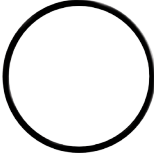






Not available

Not available

Not available



KEOFITT MICRO PORT - PARTS & ACCESSORIES

MICRO PORT PARTS & ACCESSORIES	O-Rings	 <p>400208 O-RING 68 FDA</p>	 <p>900822 9.3X2.4 EPDM</p>	 <p>900824 14X4 EPDM</p>
	Septum	 <p>900049 BUTYL MP</p>		
	Misc.	 <p>840055 FILM MULTI MP</p>	 <p>840118 TOOL MULTI MP</p>	 <p>900054 NEEDLE MP</p>



900825
44.6X2.4 EPDM



900055
WICK MP



900077
CHAIN MP



900441
PLUG MICRO PORT



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Dealer



