

KEOFITT PRODUCT CATALOG

2017



KEOFITT[®]
WORLD LEADERS IN STERILE SAMPLING[™]



Dear Customer,

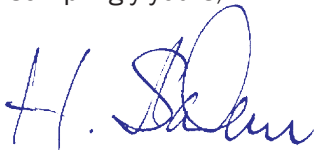
We hope you will find this 2017 KEOFITT PRODUCT CATALOG helpful identifying the right KEOFITT product for your sampling application.

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,

A handwritten signature in blue ink, appearing to read "H. Salomon". The signature is fluid and cursive, with a large initial "H" and a long, sweeping underline.

Henrik L. Salomon

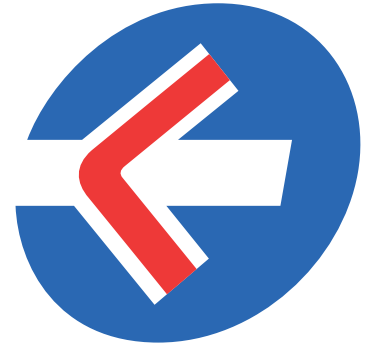
KEOFITT CLASSIC

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 300,000 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



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
M4 BODIES	Hose Piece	 <p>400001</p>	 <p>400011</p>	 <p>400014</p>	 <p>400027*</p>	 <p>400028*</p>

* ON REQUEST ONLY!

CONNECTION BODIES

Varivent Ø50

Varivent Ø68

Clamp ½"

Clamp 1"

**Thread
M28x1,5**



400010



400009



400021









400022



400031



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











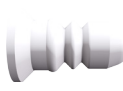
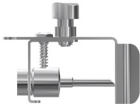

















405545




















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	 400061 QC PLUG M4	 400062 RUBBER CAP M4	 400070 QC M4 PIPE	 400071 QC M4 PTFE
	For valve heads	 400076 KEY RING M4	 400149 BUSHING M4	 400166 PROXIMITY SENSOR	 400167 MOUNTING KIT	 400255 TOOL PTFE M4	 600170 Q HANDLE
	Misc.	 400064 CHAIN M4	 400067 HOSE P 10/8 M4	 900008 SOCKET ALU	 900048 PTFE 8/6	 900075 CLAMP 1/2"	 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>900087 GASKET 1/2"</p>	 <p>900091 GASKET 1"</p>	 <p>900820 5.1X1.6 SILICONE</p>	 <p>900829 21X4 EPDM</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>	 <p>550003 PTFE W/QC 1.0M</p>	 <p>550057 ADAPTOR KÄRCHER</p>
 <p>600370 SELF-CLOSING HANDLE</p>	 <p>900018 TOMMY BAR</p>					
 <p>900097 ADAPTER M4/TC</p>						



KEOFITT CLASSIC W9 SAMPLING VALVE

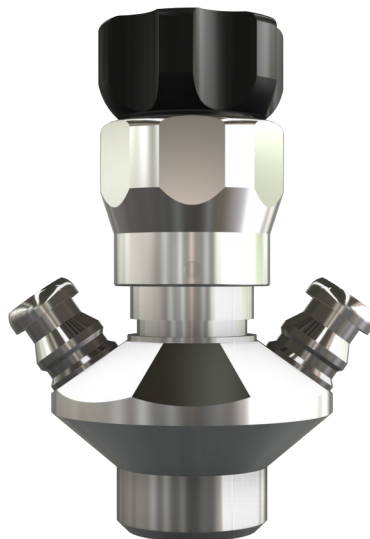
The KEOFITT CLASSIC W9 Sampling Valve is considered the father of all steam-sterilizable sampling valves. Refined through 40 years of experience it remains KEOFITT's most popular sampling valve. Designed for the sampling of medium viscosity products in the range of 0-1000 cP with particles less than 3 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	 <p>850001</p>	 <p>850011</p>	 <p>850014</p>	 <p>850027*</p>	 <p>850028*</p>
Mini Tri-Clamp	 <p>850006</p>	 <p>850010</p>	<p><i>On request</i></p>	<p><i>On request</i></p>	<p><i>On request</i></p>
Thread M16x1,5	 <p>850015</p>	 <p>850016</p>	 <p>850018</p>	<p><i>On request</i></p>	<p><i>On request</i></p>
Welding Ends	 <p>850007</p>	 <p>850019</p>	<p><i>On request</i></p>	<p><i>On request</i></p>	<p><i>On request</i></p>

* ON REQUEST ONLY!

CONNECTION BODIES

Varivent Ø50	Varivent Ø68	Clamp ½"	Clamp 1"	Clamp 2"	Tread
 850008	 850009	 850036	 850021	 850003	 850031  DIN 11851 850040
 850020	 850013	 850039	 850022  850025	 850005  850026	<i>On request</i>
<i>On request</i>	<i>On request</i>	<i>On request</i>	 850024	<i>On request</i>	<i>On request</i>
<i>On request</i>	<i>On request</i>	<i>On request</i>	<i>On request</i>	<i>On request</i>	<i>On request</i>



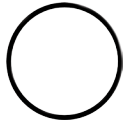





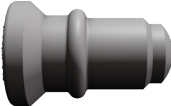

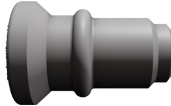

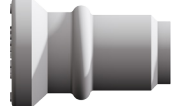
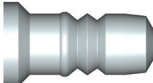

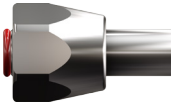



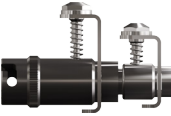

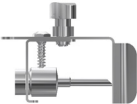


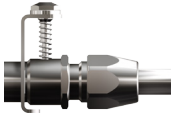














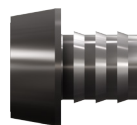









KEOFITT CLASSIC W9 SAMPLING VALVE - HEADS











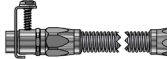



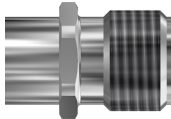



		Type H Turn knob	Type H Turn knob with Microport option	Type K Key ring	Type K Key ring with Microport option
W 9 HEADS	Silicone	 600041	 600048	 600042	 600049
	EPDM	 600041E	 600048E	 600042E	 600049E
	FFKM	 600041F	<i>Not available</i>	 600042F	<i>Not available</i>
	PTFE	 855541	<i>Not available</i>	 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>600043</p>	 <p>600044</p>	 <p>600045</p>	 <p>600047</p>
 <p>600043E</p>	 <p>600044E</p>	 <p>600045E</p>	 <p>600047E</p>
 <p>600043F</p>	 <p>600044F</p>	 <p>600045F</p>	 <p>600047F</p>
 <p>855543</p>	 <p>855544</p>	 <p>855545</p>	 <p>855547</p>



KEOFITT CLASSIC W9 - PARTS & ACCESSORIES

W9™ 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	 600053 FFKM W9/SIMPLEX	 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	 550004 PTFE W/TC 0.5M	 550005 PTFE W/TC 1.0M	 800014 ADAPTER TC/1"	 900013 MINI CLAMP SPIKE	 900096 ADAPTER W9/TC
	For valve heads	 600076 KEY RING W9	 600149 BUSHING W9	 600170 Q HANDLE	 600255 TOOL PTFE W9	 600370 SELF-CLOSING HANDLE	 900018 TOMMY BAR
	Misc.	 600064 CHAIN W9	 600066 CHAIN W9	 600073 FERRULES	 400166 PROX SENSOR	 600266 PROX SENSOR	 600267 PROX SENSOR KIT
		 900047 PTFE 10/8	 900069 WICK W9 MP	 900075 CLAMP 1/2"	 900086 CLAMP 1"	 900021 BLIND CAP	 900045 ADAPTER W9/ISO

 800830E 10.3X2.4 EPDM	 800859 7.5X2.5 SILIC	 900074 GASKET 3/4"	 900087 GASKET 1/2"	 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	 550002 PTFE W/QC 0.5M	 550003 PTFE W/QC 1.0M
 700108 HOSE PIECE W9	 800052 HP/HP W9	 800075 WL F/PTFE	 850840 PINOL SCREW	 900008 SOCKET ALU	 900022 NEEDLE W9



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	 <p>310002</p>	 <p>310005</p>
	Welding Liner	<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











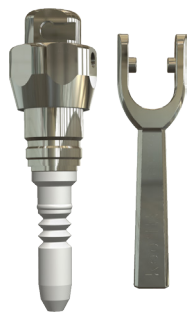



320007

* 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








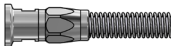
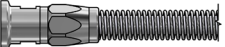








325544

On request



KEOFITT CLASSIC "INGOLD" - PARTS & ACCESSORIES

W 9™ INGOLD PARTS & ACCESSORIES	O-Rings	 <p>300118 EPDM 20.24X2.62</p>	 <p>300119 20.24X2.62 FDA</p>	 <p>550184 O-RING FESTO</p>
	Membranes	 <p>310051 I40 SILICONE</p>	 <p>310052 I40 EPDM</p>	 <p>310055 I40 PTFE</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>300255 TOOL PTFE INGOLD</p>	 <p>600149 BUSHING W9</p>	 <p>600170 Q HANDLE</p>
	Misc.	 <p>320530 ADAPT. 30 F/152</p>	 <p>320540 ADAPT. 40 F/152</p>	 <p>320830 ADAPT. 50 F/152</p>



850820
PISTON RING NBR



850821
SCRAPER RING



900074
GASKET 3/4"



900087
GASKET 1/2"



320051
I52 SILICONE



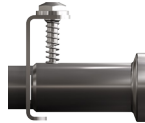
320052
I52 EPDM



320055
I52 PTFE



800014
ADAPTER TC/1"



800083
QC W9 TC



900013
MINICLAMP SPIKE



900096
ADAPTER W9/TC



600370
SELF-CLOSING HANDLE



900018
TOMMY BAR



900075
CLAMP 1/2"



900021
BLIND CAP



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

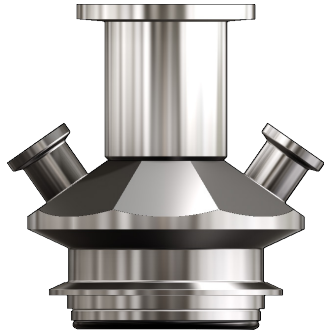
		WELDING BODIES	
		Tank Welding	Pipe Welding
W 15 BODIES	Mini Tri-Clamp	 <p>860001</p>	 <p>860011</p>
	Welding Ends	 <p>860007</p>	<i>On request</i>

CONNECTION BODIES

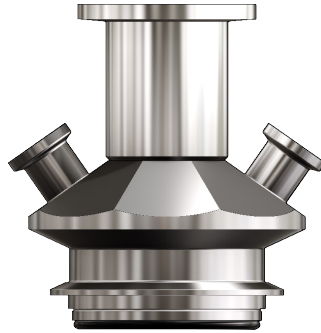
Varivent Ø68

Clamp 2"

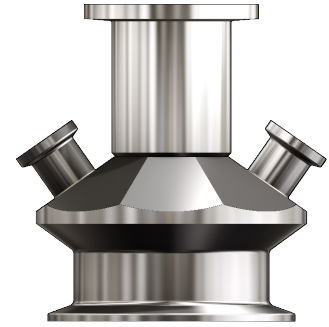
Clamp 3"



860009



860002



860003

On request

On request

On request

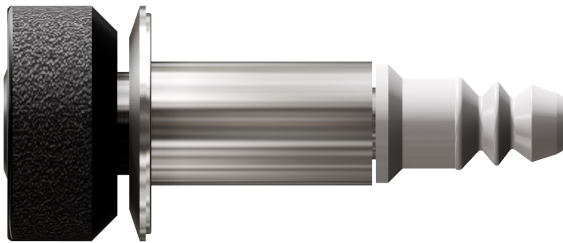


KEOFITT CLASSIC W15 SAMPLING VALVE - HEADS

W 1 5 H E A D S

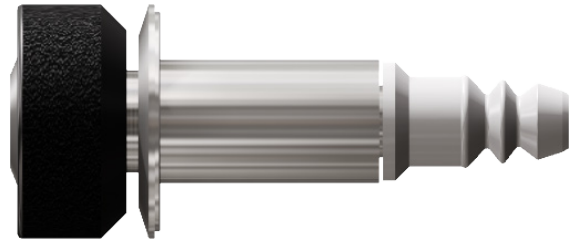
PTFE

Type H
Turn knob
0-6 bar (g)



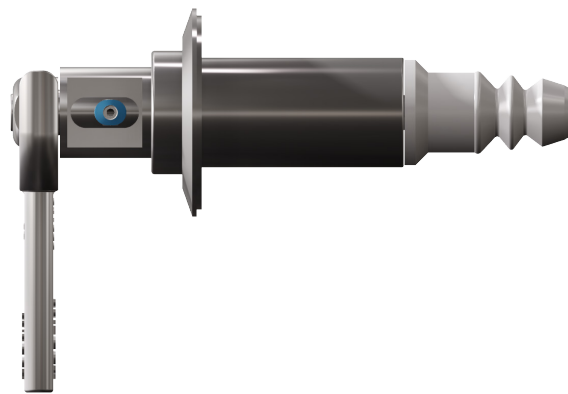
865541

Type B
No spring
0-12 bar (g)



865547

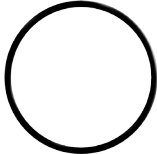


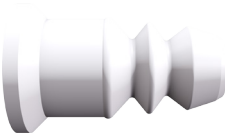

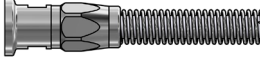
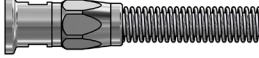





**Type N
Pneumatic
0-6 bar (g)**



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>600370 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



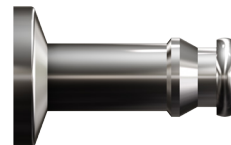
900074
GASKET 3/4"



800014
ADAPTER TC/1"



900013
MINICLAMP SPIKE



900096
ADAPTER W9/TC



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

		WELDING BODIES	
		Tank Welding	Pipe Welding
W 25 BODIES	1" Clamp	 <p>870001</p>	<i>On request</i>
	Welding Liner	<i>On request</i>	<i>On request</i>

CONNECTION BODIES

Varivent Ø68

Clamp

On request

870009

On request

870003

On request

On request

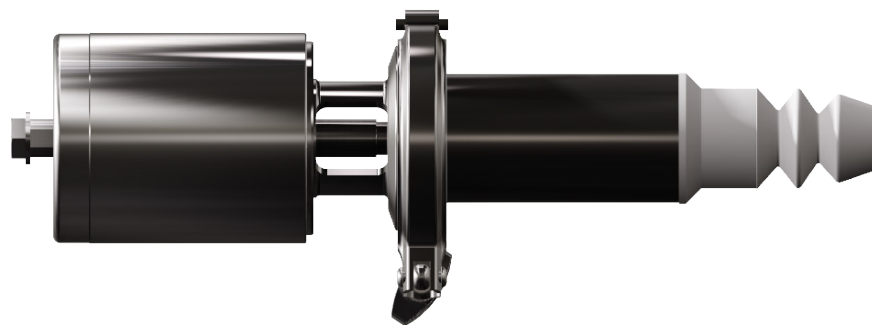


KEOFITT CLASSIC W25 SAMPLING VALVE - HEADS

Type N
Lever handle
Pneumatic

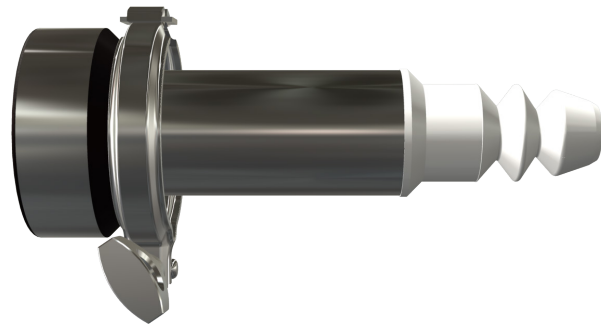
W 2 5 H E A D S

PTFE



875544

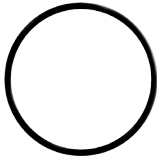




Type B
No spring
0-12 bar



875547



KEOFITT CLASSIC W25 - PARTS & ACCESSORIES

W 25™ PARTS & ACCESSORIES	O-Rings			
	Membranes	 <p>400208 O-RING 68 FDA</p>	 <p>800014 ADAPTER TC/1"</p>	 <p>900091 GASKET 1"</p>
	For valve heads	 <p>870255 TOOL PTFE W25</p>		
	Misc.	 <p>900086 CLAMP 1"</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



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			

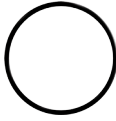



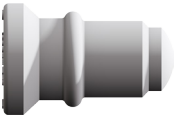
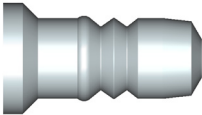
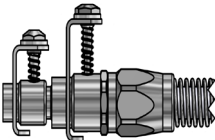
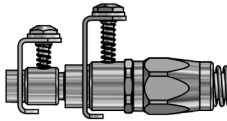
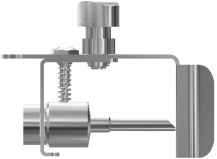
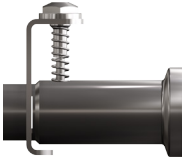


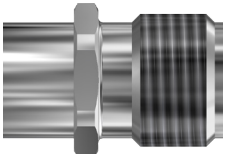
PNEUMATIC VALVE

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

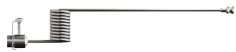


KEOFITT SIMPLEX - PARTS & ACCESSORIES

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	 600053 FFKM W9/SIMPLEX	 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	 600370 SELF-CLOSING HANDLE	 800075 WL F/PTFE	



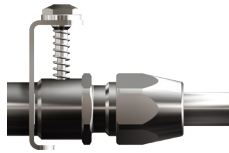
900091
GASKET 1"



800058
COIL W9



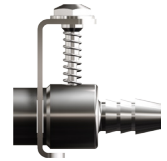
800061
QC W9 PLUG



800070
QC W9 WL



800071
QC W9 PTFE



800082
QC W9 HOSE ID 7



900075
CLAMP 1/2"



900086
CLAMP 1"



KEOFITT SESAME

Taking the successful design of the classic KEOFITT valves to the third millennium: The patented KEOFITT SESAME 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:

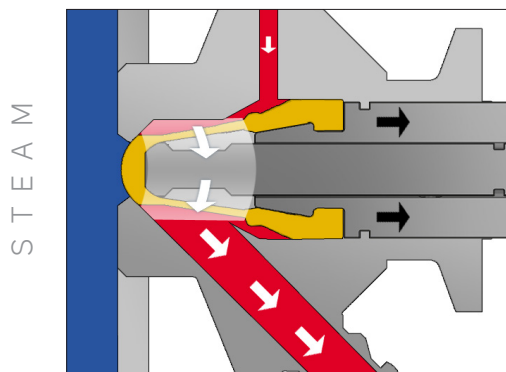
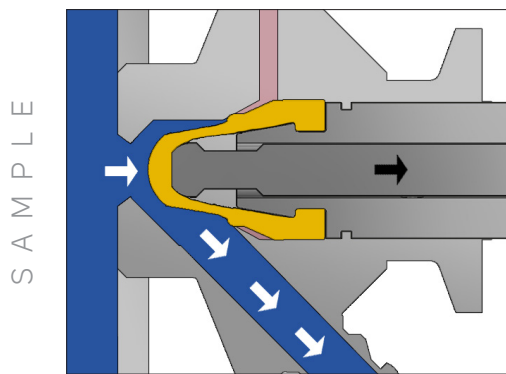
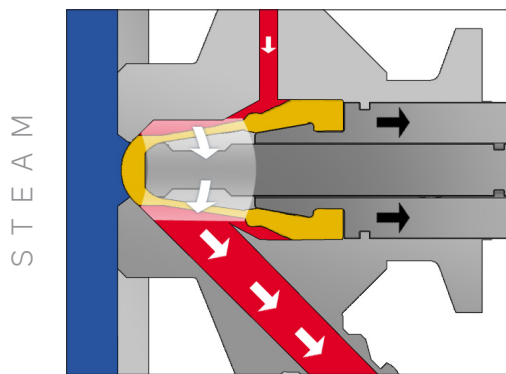
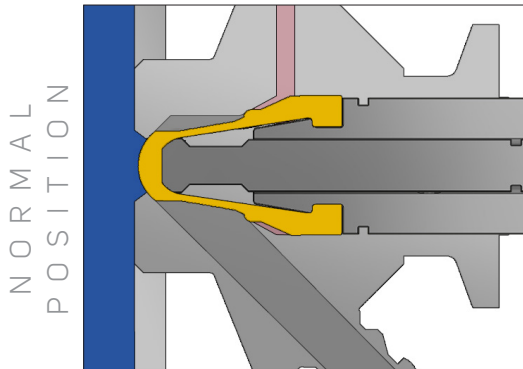
- No open steam inlet while sampling: No risk of steam condensate or other leftovers secretly contaminating your sample.
- Minimal volume in valve chamber when sampling: Minimal sample size required.
- Unique, incorporated sterilization of the area behind the membrane and the seal between the valve head 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.



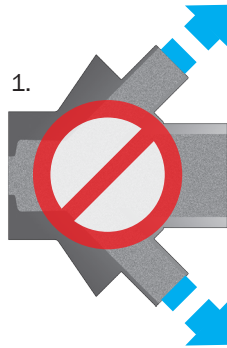
SESAME



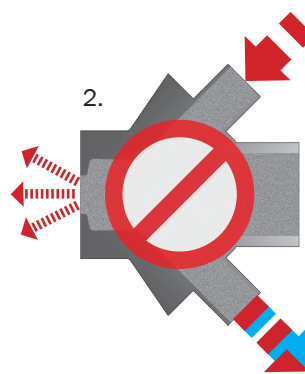
HOW IT WORKS



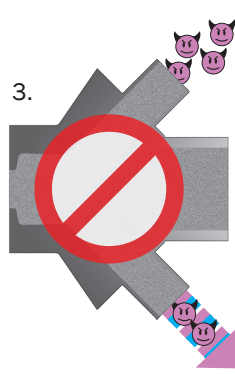
ADVANTAGES



1. Sample will never spray out through the steam inlet during sampling. With normal valves, this happens when the operator forgets to mount the cap or the cap disconnects.



2. It is not possible to unintentionally send steam or CiP fluids into the process line, as the sample seat and the steam seat cannot open simultaneously. This is a risk with all other valves as the steam inlet is open even during sampling.



3. Aseptic sampling in a closed system cannot be compromised in case the operator leaves the steam inlet open during sampling. Other valves will open for sampling even if steam inlet is open allowing airborne contamination of the sample.



Scan code to see online valve function video

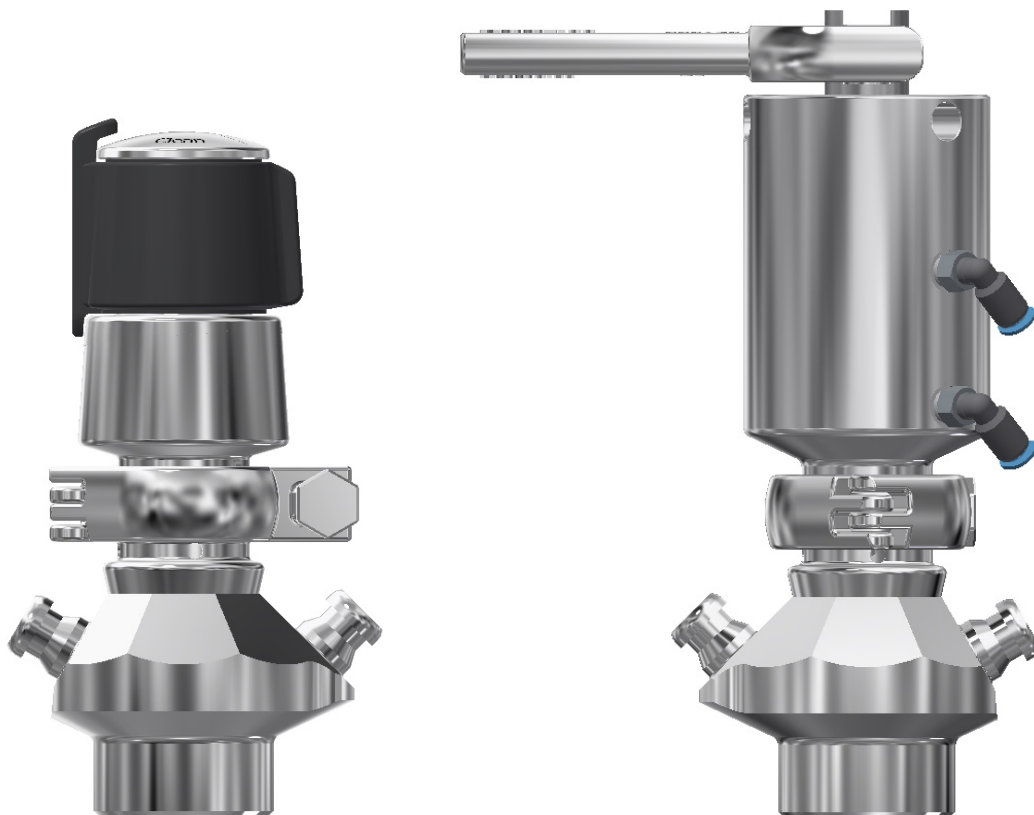
KEOFITT SESAME

The KEOFITT SESAME Sampling Valve is KEOFITT's newest and patented dual-seat sampling valve. Truly unique in the market, it offers optimal CIP and SIP conditions while also incorporating steam supply control and completely eliminating the steam inlet dead-space in other designs.



The unique feature of this valve is in its membrane design which incorporates two separate seats for sampling and sterilizing/sanitizing, respectively. The second seat is located in the area sealing off the valve head. This design allows the sealing area to be sterilized along with the valve chamber prior to each sampling procedure. Furthermore, no separate inlet is required, thus eliminating any dead space while sampling.

The KEOFITT SESAME valve is designed for sampling of low or medium viscosity products in the range of 0-1,000 cP with particles less than 3 mm in diameter. The double-seat SESAME™ valve is used in a range of applications such as brewery, dairy, pharmaceutical and biotechnological companies, with a wide range of products such as:

- Medical Solutions
- Filtered and Unfiltered Beer
- Creams and Lotions
- Unprocessed Milk
- Perfume








KEOFITT SESAME VALVE - BODIES

	WELDING BODIES		CONNECTION BODIES		
	Tank Welding	Pipe Welding	Varivent Ø50	Varivent Ø68	Mini Clamp
Hose Piece	 890001	 890011	 890008	 890009	 890036
Mini Tri-Clamp	 890006	 890010	<i>On request</i> 890020	<i>On request</i> 890013	 890039
Thread M16x1,5	<i>On request</i> 890015	<i>On request</i> 890016	<i>On request</i>	<i>On request</i>	<i>On request</i>
Welding Ends	 890007	<i>On request</i> 890019	<i>On request</i>	<i>On request</i>	<i>On request</i>

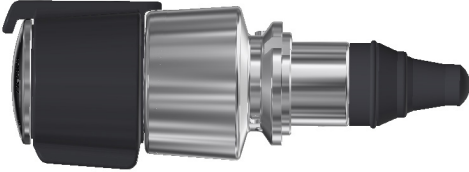
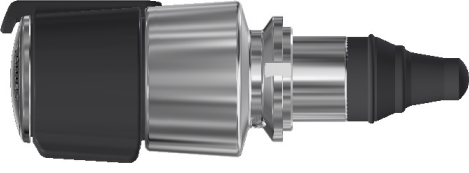
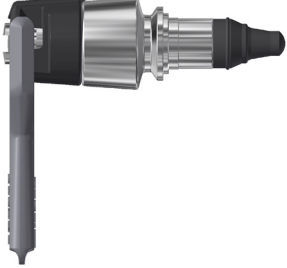


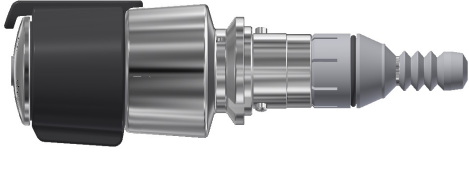

SESAME BODIES

CONNECTION BODIES

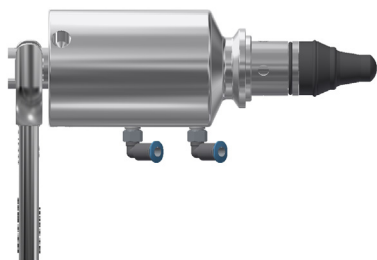
Clamp 1"	Clamp 2"	Thread	Union DIN 11851
 <p align="center">890021</p>	 <p align="center">890003</p>	<p align="center"><i>On request</i></p> <p align="center">890031</p>	 <p align="center">890040</p>
 <p align="center">890022</p> <p align="center"><i>On request</i></p> <p align="center">890025</p>	 <p align="center">890005</p> <p align="center"><i>On request</i></p> <p align="center">890026</p>	<p align="center"><i>On request</i></p>	<p align="center"><i>On request</i></p>
<p align="center"><i>On request</i></p> <p align="center">890024</p>	<p align="center"><i>On request</i></p>	<p align="center"><i>On request</i></p>	<p align="center"><i>On request</i></p>
<p align="center"><i>On request</i></p>	<p align="center"><i>On request</i></p>	<p align="center"><i>On request</i></p>	<p align="center"><i>On request</i></p>



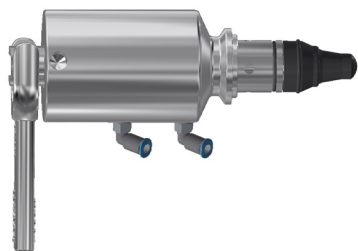
KEOFITT SESAME VALVE - HEADS

		Type H Turn knob 0-10bar	Type Q Lever handle 0-10bar
		SESAME HEADS	
SESAME HEADS	Silicone	 <p>890041</p>	 <p>890043</p>
	EPDM	 <p>890041E</p>	 <p>890043E</p>
	FFKM	 <p>890041F</p>	 <p>890043F</p>
	PTFE	 <p>895541</p>	 <p>895543</p>

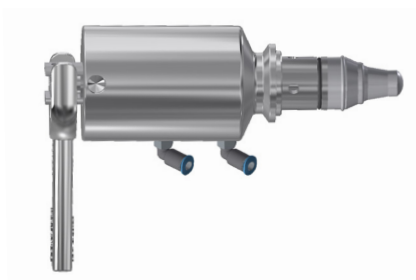
**Type N
Pneumatic
0-6bar**



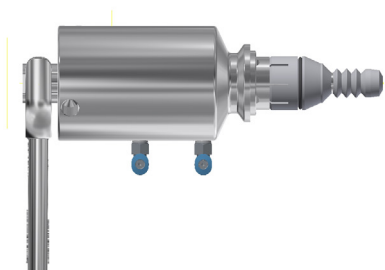
890044



890044E



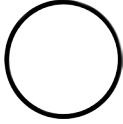
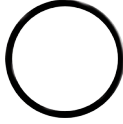





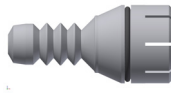

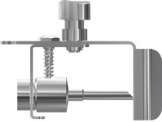


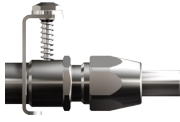



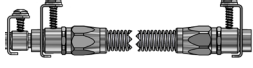
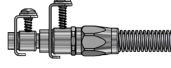








890044F



895544



KEOFITT SESAME - PARTS & ACCESSORIES

SESAME PARTS & ACCESSORIES	O-Rings	 400208 O-RING 68 FDA	 400308 EPDM 42X3 FDA	 800830 10.3X2.4 EPDM	 800830E 10.3X2.4 EPDM	 880830 20,35X1,78 EPDM
	Membranes	 890051 SILICONE SESAME	 890052 EPDM SESAME	 890055 PTFE SESAME	 890053 FFKM SESAME	
	For hose piece	 800013 QC W9 SPIKE	 800058 COIL W9	 800061 QC W9 PLUG	 800070 QC W9 WL	 800071 QC W9 PTFE
	For mini tri-clamp	 900013 MINICLAMP SPIKE	 300021 CLAMP/PTFE 10/8	 550002 PTFE W/QC 0.5M	 550003 PTFE W/QC 1.0M	 550004 PTFE W/TC 0.5M
	For valve heads	 880255 TOOL REFLEX PTFE	 890170 Q HANDLE/TYP E Q			
	Misc.	 890063 SINGLE CHAIN	 890064 DOUBLE ST. ST. CHAIN	 900075 CLAMP 1/2"	 900086 CLAMP 1"	 900189 CLAMP DN 10-20



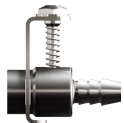
900087
GASKET 1/2"



900091
GASKET 1"



900092
GASKET 2"



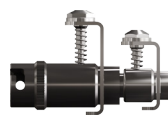
800082
QC W9 HOSE ID 7



800083
QC W9 TC



800086
QC W9 M4 HP



550057
ADAPTER



600062
RUBBER CAP



900045
SYRINGE ADAPTER W9



550005
PTFE W/TC 1.0M



550002.2
PTFE W/QC/TC 0.5M



550003.2
PTFE W/QC/TC 1M



900096
ADAPTER W9/TC



800014
MINIC / 1" CLAMP



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.



ASEPTIC



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.


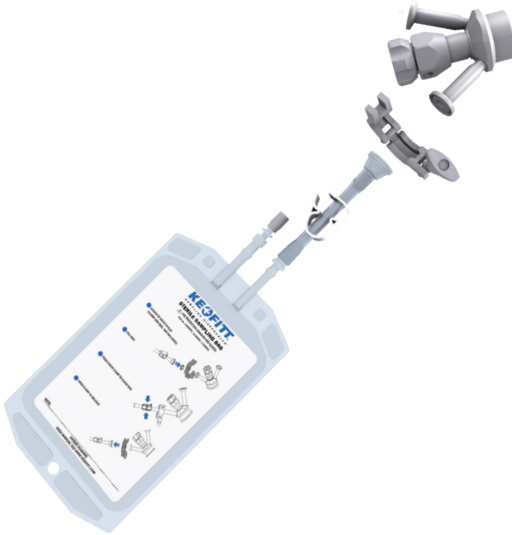
The Keofitt Sterile Sampling Bag is the ultimate sampling bag solution based on Keofitt's renowned high quality and ultra hygienic sampling valve design. It is delivered with either a Mini Sanitary Clamp or a Keofitt W9 Quick Coupling.

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.

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.

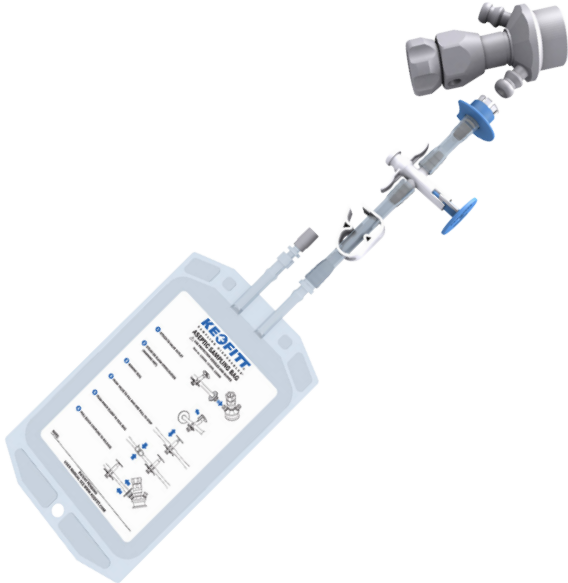

The Keofitt Sampling Bag is foreseen with a secondary port with a septum for extracting a sample of the sample or for injecting a substance into the sample. The secondary port also fitted with Luer Lock fittings (male and female) for secure and sterile connection to relevant equipment in a Laminar Air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



Scan code to see online 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



*ON REQUEST ONLY!

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 function video

KEOFITT SAMPLING BAGS

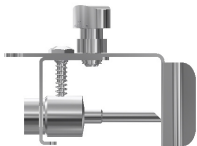
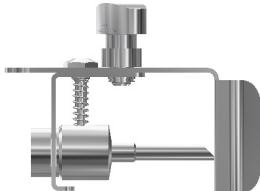


SPIKE BAGS

		Size	Art. no.
		500 ML	130500PE*
		1000 ML	131000PE
		500 ML	130500PP*
		1000 ML	131000PP*
		3000 ML	133000PP*



*ON REQUEST ONLY!

KEOFITT SAMPLING BAGS - PARTS & ACCESSORIES

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



400830
M4 O-RING



800830
W9 O-RING



900075
CLAMP 1/2"



900087
GASKET 1/2"



900074
GASKET 3/4"





KEOFITT® BOTTLE SAMPLING SYSTEMS

The KEOFITT Aseptic System enables the user to take a truly representative aseptic sample. It protects the sample against airborne contamination, while extracting the sample, during transportation and storage.

The standard operating procedure involves steaming the sampling valve with the KEOFITT Aseptic System connected, in order to sterilize the sampling valve and the connection between the sampling valve and the KEOFITT Aseptic System. This procedure ensures the sterilization of the whole flow path in a closed circuit.

The KEOFITT Aseptic System is based on KEOFITT's guaranteed high quality, microbiologically safe valve design. It shall be used with PP sampling bottles (# 260325 / 260525 / 260625 / 260725 / 260825), which are autoclavable, robust and translucent.



KEOFITT SAMPLING BOTTLE SYSTEMS

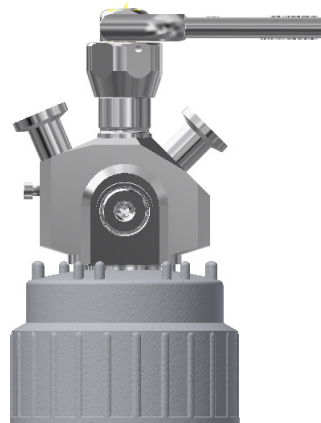
SAMPLING BOTTLE SYSTEMS

ASEPTIC SAMPLING SYSTEM
for bottle sizes 250/1000/2000 ml



260001

ASEPTIC SAMPLING SYSTEM
for bottle sizes 4000/5000 ml



260002

SAMPLING BOTTLE HEAD W9



260030

SAMPLING BOTTLE HEAD W15



860030




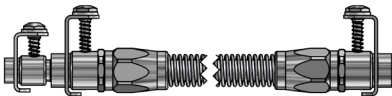
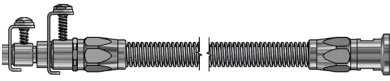
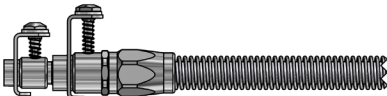


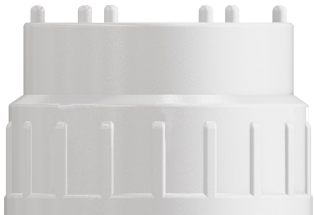

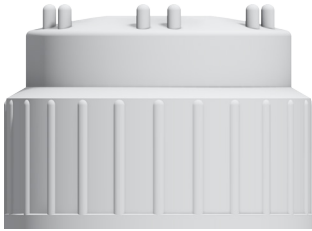
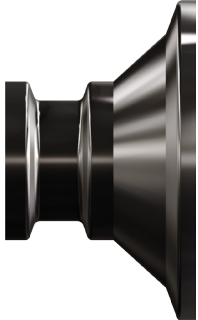
SAMPLING BOTTLE HEAD W25



870030



KEOFITT SAMPLING BOTTLES - PARTS & ACCESSORIES

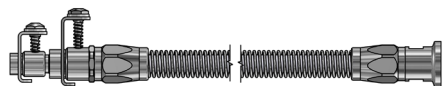
SAMPLING BOTTLES PARTS & ACCESSORIES	Bottles	 <p>260325 PP BOTTLE 250 ML</p>	 <p>260525 PP BOTTLE 1000 ML</p>	 <p>260625 PP BOTTLE 2000 ML</p>	
	Tubings	 <p>550002 PTFE W/QC 0.5M</p>	 <p>550002.2 PTFE W/QC/TC 0.5M</p>	 <p>550003 PTFE W/QC 1.0M</p>	
	Misc.	 <p>260170 FILLING TUBE 1L</p>	 <p>260270 FILLING TUBE 2L</p>	 <p>260326 LID PP BOTTLE W/HOLE 250-2000 ML</p>	
		 <p>260427 GASKET PP 4000/5000 ML</p>	 <p>260428 LID PP BOTTLE 4000/5000 ML</p>	 <p>800014 ADAPTER TC/1"</p>	



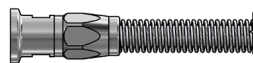
260725
PP BOTTLE 4000 ML



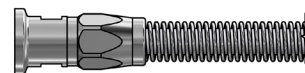
260825
PP BOTTLE 5000 ML



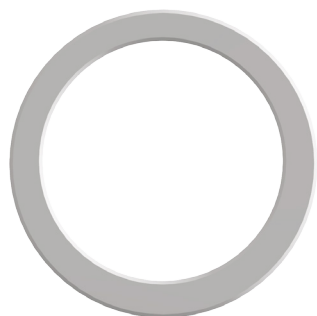
550003.2
PTFE W/QC/TC 1M



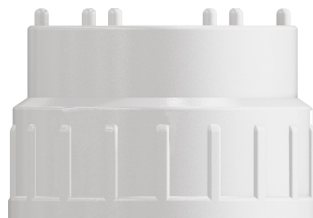
550004
PTFE W/TC 0.5M



550005
PTFE W/TC 1.0M



260327
GASKET PP 250-2000 ML



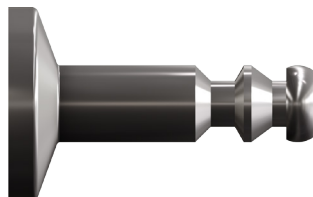
260328
LID PP BOTTLE 250-2000 ML



260426
LID PP BOTTLE W/HOLE 4000/5000 ML



900096
ADAPTER W9/TC



900097
ADAPTER M4/TC

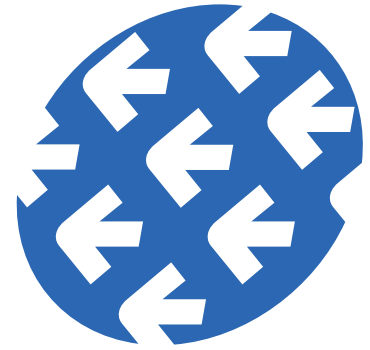


KEOFITT VARIOUS

Being the world market's only true specialist KEOFITT has developed the widest and deepest product range available for sampling of liquids in all industries.

To satisfy the specific demands from the different industries KEOFITT has introduced a various special items, such as:

- **Micro Port**
provide an easy and hygienic solution for extracting liquid samples from a production batch using hypodermic needles or syringes.
- **Portable Steam Cleaning Unit**
designed to provide steam for cleaning and disinfecting in sampling locations where a fixed steam supply is not available.
- **Carlsberg Flask vessel system**
designed for the propagation of yeast cultures in a sterile environment and the transfer of the pure yeast culture under sterile conditions.



VARIOUS



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		
		Tank	Pipe Welding 1"	Pipe Welding NW25
MICRO PORT / MULTI MICRO PORT 49	Butyl (IIR) membrane	 <p>900056</p>	 <p>900057</p>	 <p>900014</p>
		<p>Clamp 1/2"</p>	<p>Clamp 1"</p>	<p>Varivent</p>
		 <p>900059</p>	 <p>900058</p>	<p><i>On request</i></p>

MULTI MICRO PORT 49

**Tank Welding
7xButyl membrane**

**Varivent Ø68
7xButyl membrane**

**Clamp 3"
7xButyl membrane**



840001










840009



840020

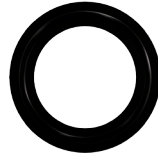


KEOFITT MICRO PORT - PARTS & ACCESSORIES

MICRO PORT PARTS & ACCESSORIES	O-Rings	 <p>900822 9.3X2.4 EPDM</p>	 <p>900824 14X4 EPDM</p>	 <p>900825 44.6X2.4 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>



900087
GASKET 1/2"



900091
GASKET 1"



900055
WICK MP



900077
CHAIN MP



900441
PLUG MICRO PORT



KEOFITT STEAM BOILER

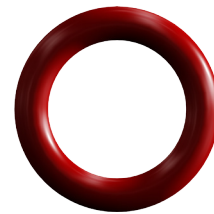
STEAM BOILER



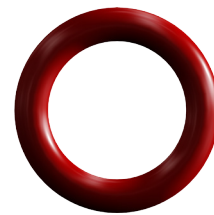
550000



550002



800830
10.3X2.4 EPDM



500830

KEOFITT CARLSBERG FLASK

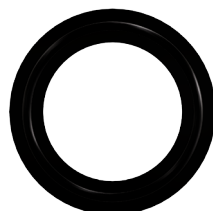
CARLSBERG FLASK



900074



550003



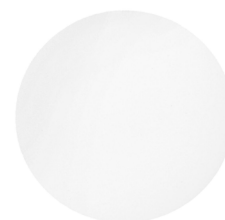
900091



900049



800830
10.3X2.4 EPDM



200210



KEOFITT A/S
Kullinggade 31
DK-5700 Svendborg
Denmark

Phone +45 6316 7080
Fax +45 6316 7081

info@keofitt.dk
www.keofitt.dk



Dealer

