



KEOFITT®

PRODUCT CATALOG '19

Kullinggade 31
DK-5700 Svendborg
Denmark

Phone +45 6316 7080
www.keofitt.dk
www.samplingschool.com

DEAR CUSTOMER,

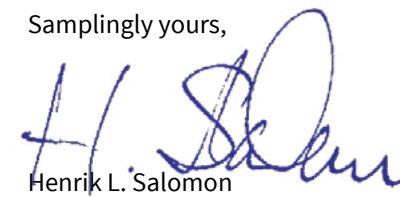
We hope you will find this 2019 KEOFITT Product Catalog helpful identifying the right KEOFITT product for your sampling application.

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.

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

Samplingly yours,



Henrik L. Salomon

KEOFITT SESAME

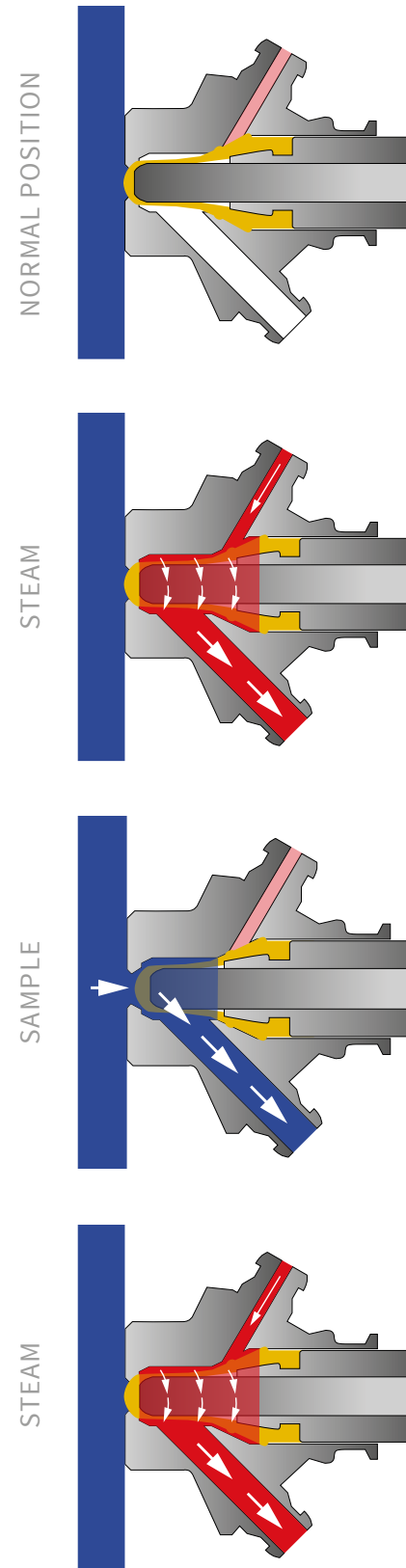
Taking the successful design of the classic KEOFITT valves to the third millennium: The patented KEOFITT SESAME is the only steam-sterilizable sampling valve in the world to completely eliminate the usually unavoidable dead-space involved with the steam-inlet connection.

This gives you:

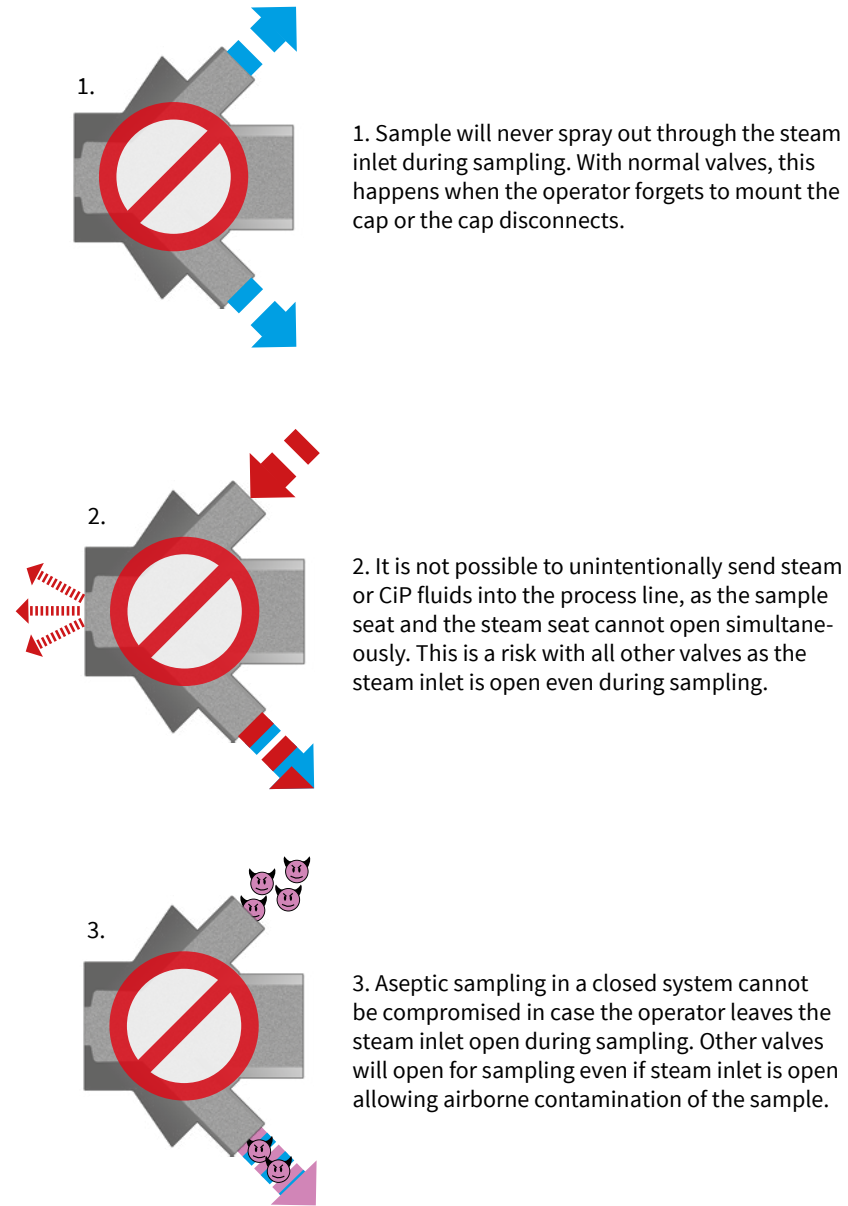
- No open steam inlet while sampling: No risk of steam condensate or other leftovers secretly contaminating your sample.
- Minimal volume in valve chamber when sampling: Minimal sample size required.
- Unique, incorporated sterilization of the area behind the membrane and the seal between the valve head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



HOW IT WORKS



ADVANTAGES



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. Sampling of more viscous liquids is possible, only will it take longer (depending on process pressure). 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	PIPE WELDING NW 25	VARIVENT Ø50	VARIVENT Ø68	MINI CLAMP
HOSE PIECE	 890001	 890011	 890014	 890008	 890009	 890036
1/2" TRI-CLAMP	 890006	 890010	<i>On request</i>	<i>On request</i>	 890013	 890039
THREAD M16X1,5	<i>On request</i>	<i>On request</i>	<i>On request</i>	<i>On request</i>	<i>On request</i>	<i>On request</i>
1/2" WELDING ENDS	 890007	<i>On request</i> 890019	<i>On request</i>	<i>On request</i>	<i>On request</i>	<i>On request</i>

CONNECTION BODIES				INGOLD	
CLAMP 1" & 1½"	CLAMP 2"	THREAD	UNION DIN 11851	INGOLD 40 MM PORT LENGTH	INGOLD 50 MM PORT LENGTH
 NA-CONNECT ASME/DIN 890021	 890003	<i>On request</i>	 890040	<i>On request</i>	<i>On request</i>
 NA-CONNECT ASME/DIN 890022	 890005	<i>On request</i>	<i>On request</i>	 893105	 893205
<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>	<i>On request</i>	<i>On request</i>	<i>On request</i>	<i>On request</i>


KEOFITT SESAME VALVE - HEADS







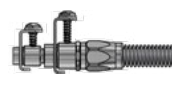

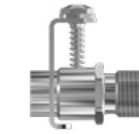







		KEOFITT SESAME VALVE - HEADS		
		TYPE H TURN KNOB 0-10 BAR	TYPE Q LEVER HANDLE 0-10 BAR	TYPE N PNEUMATIC 0-10 BAR
SESAME HEADS	SILICONE	 890041	 890043	 890044
	EPDM	 890041E	 890043E	 890044E
	PTFE	 895541	 895543	 895544

KEOFITT SESAME INGOLD VALVE - HEADS

		KEOFITT SESAME INGOLD VALVE - HEADS		
		TYPE H TURN KNOB 0-10 BAR	TYPE Q LEVER HANDLE 0-10 BAR	TYPE N PNEUMATIC 0-10 BAR
SESAME INGOLD HEADS	INGOLD I40 PTFE	 893141PTFE	 893143PTFE	 893144PTFE
	INGOLD I52 PTFE	 893241PTFE	 893243PTFE	 893244PTFE

KEOFITT SESAME - PARTS & ACCESSORIES

SESAME PARTS & ACCESSORIES	O-RINGS	 400208 EPDM 60X3	 400308 EPDM 42X3	 880830 EPDM 20.35X1.78	 550184 FESTO		
	MEMBRANES	 890051 SILICONE	 890052 EPDM	 890055 PTFE	 895531 PTFE (I40)	 895532 PTFE (I52)	
	FOR HOSE PIECE	 800013 QC SPIKE	 800058 COIL	 800061 QC PLUG	 800070 QC STEEL PIPE	 800091 QC PTFE	 800082 QC HOSE BARB 3/8
	FOR MINI TRI-CLAMP	 900013 MINI CLAMP SPIKE	 300021 CLAMP PTFE 10/8	 550002.2 PTFE QC/TC 0.5M	 550003.2 PTFE QC/TC 1M	 550004 PTFE TC 0.5M	 550005 PTFE TC 1.0M
	FOR VALVE HEADS	 880255 TOOL FOR PTFE	 890170 LEVER HANDLE Q	 890370 LEVER HANDLE SELF-CLOSING Q	 600170 LEVER HANDLE N	 600370 LEVER HANDLE SELF-CLOSING	
	MISC.	 890063 SINGLE ST. ST.	 890064 DOUBLE ST. ST. CHAIN	 900075 CLAMP RING 1/2"	 900086 CLAMP RING 1"	 900189 CLAMP RING FOR SESAME VALVE	 900021 MINI BLIND CAP
		 700108 HP W9 F/WELDING	 800052 HP/HP W9	 900031 HP W9/ MALE THREAD M12X1			

 800083 QC TC	 800086 QC W9 WITH M4 HP	 550057 KÄRCHER ADAPTER	 600062 RUBBER CAP	 900045 QC SYRINGE INJECTION	 550002 PTFE QC 0.5M	 550003 PTFE QC 1.0M
 800014 ADAPTER TC/1"	 800171 QC ADAPTER HP/ THREAD	 900096 ADAPTER HP/TC	 900097 ADAPTER M4 HP/TC			
 900047 TUBE PTFE 10/8	 900087 GASKET EPDM 1/2"	 900091 GASKET EPDM 1"	 900092 GASKET EPDM 2"	 900074 GASKET EPDM 3/4"		

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.

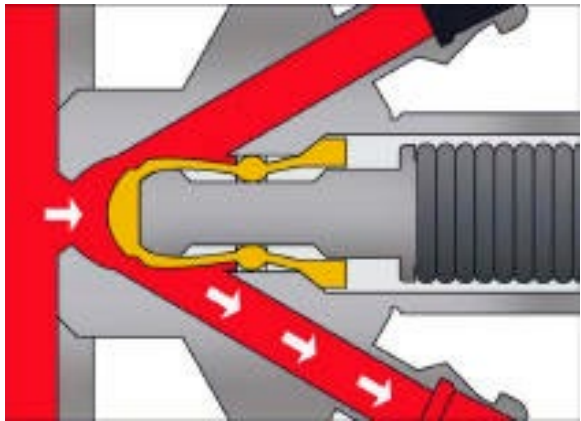
Refined over the years - inside electro-polish being the latest addition - it remains the most popular and best selling valve in the market by far. It is based on Keofitt's unique, patented membrane and is used in more than 300,000 sampling points worldwide.

Available in five models/sizes:

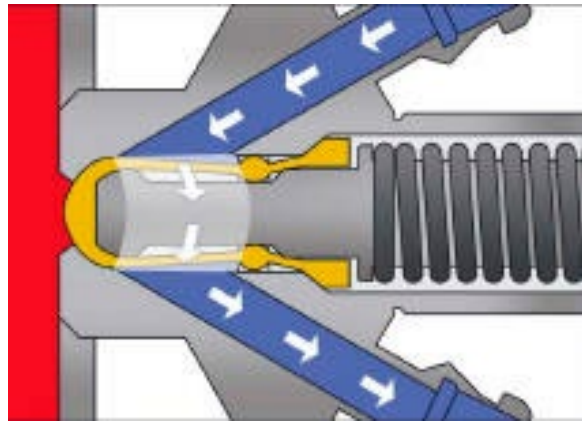
- M4 (ID 4 MM)
- W9 (ID 9 MM)
- "INGOLD" (ID 9 MM)
- W15 (ID 15MM)
- W25 (ID 25MM)



SAMPLING



STERILIZATION



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. Sampling of more viscous liquids is possible, only will it take longer (depending on process pressure).

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

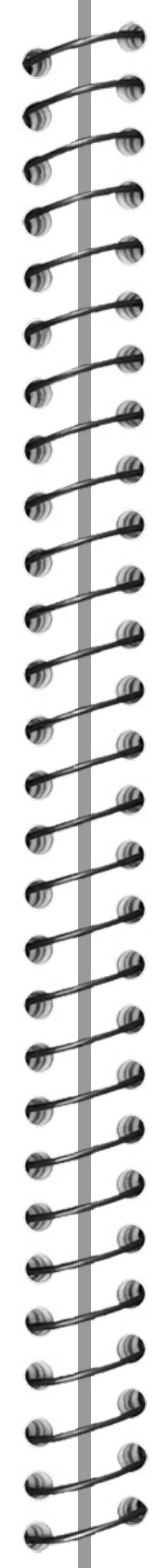
	WELDING BODIES				
	TANK WELDING Ø28	PIPE WELDING 1"	PIPE WELDING NW25	IN-LINE VERTICAL	IN-LINE HORIZONTAL
HOSE PIECE	 400001	 400011	 400014	 400027*	 400028*

* ON REQUEST ONLY!

CONNECTION BODIES				
VARIVENT Ø50	VARIVENT Ø68	MINI CLAMP	CLAMP 1" & 1½"	THREAD M28X1,5
 400010	 400009	 400021	 400022	 400031




























KEOFITT CLASSIC M4 SAMPLING VALVE - HEADS


















M4 HEADS	SILICONE	<p>TYPE H TURN KNOB 0-10 BAR (G)</p>  <p>400041</p>	<p>TYPE K KEY RING 0-10 BAR (G)</p>  <p>400042</p>	<p>TYPE Q LEVER HANDLE 0-10 BAR (G)</p>  <p>400043</p>
	EPDM	 <p>400041E</p>	 <p>400042E</p>	 <p>400043E</p>
	PTFE	 <p>405541</p>	 <p>405542</p>	 <p>405543</p>



<p>TYPE N PNEUMATIC 0-10 BAR (G)</p>  <p>400044</p>	<p>TYPE N PNEUMATIC, ADJUSTABLE 0-10 BAR (G)</p>  <p>400045</p>	<p>TYPE B NO SPRING 0-12 BAR (G)</p>  <p>400047</p>
 <p>400044E</p>	 <p>400045E</p>	 <p>400047E</p>
 <p>405544</p>	 <p>405545</p>	 <p>405547</p>

KEOFITT CLASSIC M4 - PARTS & ACCESSORIES

M4™ PARTS & ACCESSORIES	O-RING	 400208 EPDM 60X3	 400308 EPDM 42X3	 400830 SILICONE 5.3X2.4	 400830E EPDM 5.3X2.4	 550184 FESTO	 600825 SILICONE 7.1X1.6	
	MEMBRANE	 400051 SILICONE	 400052 EPDM	 400055 PTFE				
	FOR HOSE PIECE	 400013 QC SPIKE	 400058 COIL	 400061 QC PLUG	 400062 RUBBER CAP	 400070 QC PIPE	 400091 QC PTFE	
	FOR VALVE HEADS	 400076 KEY RING	 400149 BUSHING	 400166 PROXIMITY SENSOR	 400167 PROXIMITY MOUNTING KIT	 400255 TOOL PTFE	 600170 LEVER HANDLE Q/N	
	MISC.	 400064 DOUBLE ST. ST. CHAIN	 400067 HOSE PIECE 10/8	 900008 SOCKET ALU-TANKS	 900075 CLAMP RING 1/2"	 900086 CLAMP RING 1"	 550002.2 PTFE QC/TC 0.5M	

 800859 SILICONE 7.5X2.5	 900820 SILICONE 5.1X1.6	 900829 EPDM 21X4				
 400083 QC MINI TC	 400084 QC FOR ID 4MM	 400085 QC FOR ID 5MM	 400086 QC M4 WITH W9 HP	 550002 PTFE QC 0.5M	 550003 PTFE QC 1.0M	 550057 KÄRCHER ADAPTOR
 600370 LEVER HANDLE SELF-CLOSING	 900018 TOMMY BAR					 400082 QC M4 F/HOSE ID3.1MM
 550003.2 PTFE QC/TC 1M	 900074 GASKET EPDM 3/4"	 900087 GASKET 1/2"	 900091 GASKET EPDM 1"			

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. Sampling of more viscous liquids is possible, only will it take longer (depending on process pressure).

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.

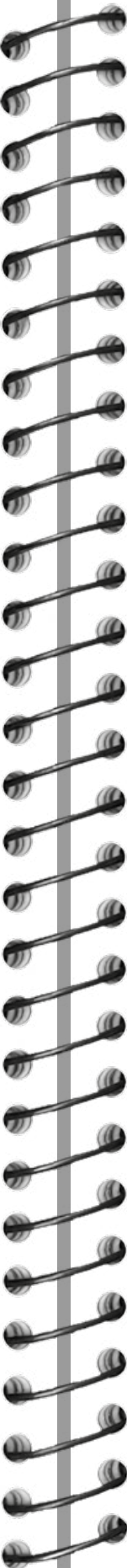
Accessories include quick couplings for the connection of tubing, piping and more.




















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*
1/2" 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>
1/2" 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	MINI CLAMP	CLAMP 1" & 1½"	CLAMP 2"	CLAMP 3"	TREAD
 850008	 850009	 850036	 850021	 850003	 850004	 M28X1.5 850031  DIN 11851 DN 10 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>	 850037 M28X1.5
<i>On request</i>	<i>On request</i>	<i>On request</i>	<i>On request</i>	<i>On request</i>	<i>On request</i>	

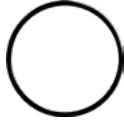
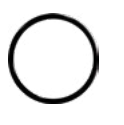














































KEOFITT CLASSIC W9 SAMPLING VALVE - HEADS

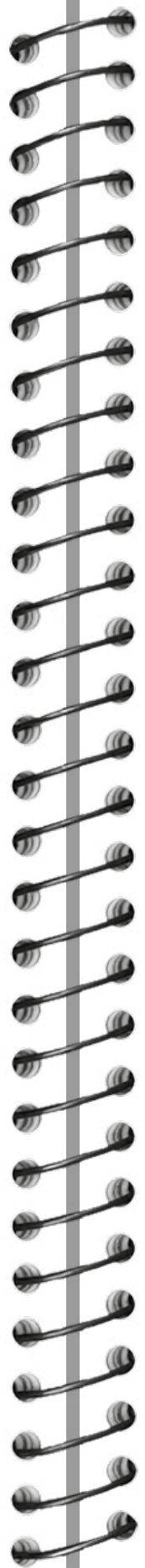
		TYPE H TURN KNOB 0-10 BAR (FFKM 0-6 BAR)	TYPE H TURN KNOB W/. MICROPORT 0-10 BAR	TYPE K KEY RING 0-10 BAR (FFKM 0-6 BAR)	TYPE K KEY RING W/OPT. MICROPORT 0-10 BAR	
		W9 HEADS				
SILICONE						
		600041	600048	600042	600049	
	EPDM					
			600041E	600048E	600042E	600049E
FFKM			<i>Not available</i>		<i>Not available</i>	
		600041F		600042F		
PTFE			<i>Not available</i>		<i>Not available</i>	
		855541		855542		








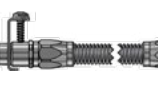
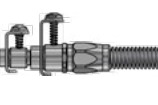


















TYPE Q LEVER HANDLE 0-10 BAR (FFKM 0-6 BAR)	TYPE N PNEUMATIC 0-10 BAR (FFKM 0-6 BAR)	TYPE N PNEUMATIC, ADJUSTABLE 0-10 BAR (FFKM 0-6 BAR)	TYPE B NO SPRING 0-12 BAR(G)
600043	600044	600045	600047
600043E	600044E	600045E	600047E
600043F	600044F	600045F	600047F
855543	855544	855545	855547

KEOFITT CLASSIC W9 - PARTS & ACCESSORIES

W9™ PARTS & ACCESSORIES

O-RINGS	 400208 EPDM 60X3	 400308 EPDM 42X3	 550184 FESTO	 600825 SILICONE 7.1X1.6	 600825E EPDM 7.1X1.6	 800830 10.3X2.4 SILIC
MEMBRANES	 600051 SILICONE	 600052 EPDM	 600251 SILICONE MP	 600252 EPDM MP	 600053 FFKM	 850055 PTFE
FOR THREAD M16X1,5	 700061 STEEL CAP	 700070 TUBE FITTING WL	 700071 TUBE FITTING PTFE	 700084 BARB 4MM	 700085 BARB 6MM	 700062 HP W9 16X1.5
FOR HOSE PIECE	 550057 KÄRCHER ADAPTOR	 600062 RUBBER CAP	 800013 QC SPIKE	 800058 COIL	 800061 QC PLUG	 800070 QC STEEL PIPE
FOR MINI TRI-CLAMP	 300021 CLAMP PTFE 10/8	 550004 PTFE TC 0.5M	 550005 PTFE TC 1.0M	 800014 ADAPTER TC/1"	 900013 MINI CLAMP SPIKE	 900096 ADAPTOR W9/W15 HP/TC
FOR VALVE HEADS	 600076 KEY RING	 600149 BUSHING	 600170 LEVER HANDLE Q/N	 600255 TOOL PTFE	 600370 LEVER HANDLE SELF-CLOSING	 900018 TOMMY BAR
MISC.	 600064 DOUBLE ST. ST. CHAIN	 600066 SINGLE ST. ST. CHAIN	 900022 NEEDLE	 400166 PROXIMITY SENSOR	 600266 PROXIMITY SENSOR	 600267 PROXIMITMOUNTING KIT
	 900047 TUBE PTFE 10/8	 900186 CLAMP RING 2"	 900075 CLAMP RING 1/2"	 900086 CLAMP RING 1"	 900021 BLIND CAP	 900076 BLIND CAP 1"



 800830E EPDM 10.3X2.4	 800859 SILICONE 7.5X2.5	 900829 EPDM 21X4				
 800091 QC PTFE	 800082 QC HOSE BARB 3/8	 800083 QC TC	 800086 QC W9 WITH M4 HP	 550002 PTFE QC 0.5M	 550003 PTFE QC 1.0M	 900045 QC SYRINGE INJECTION
 900097 ADAPTER M4 HP/TC					 800171 QC PTFE 10/8	 900031 HP MALE THREAD M12
 600249 BUSHING PTFE						
 700108 HOSE PIECE	 800052 HOSE PIECE/HOSE PIECE	 800075 WELDING PIECE FOR PTFE	 850840 PINOL SCREW	 900008 SOCKET ALU-TANKS	 900069 WICK FOR W9 VALVE MP	
 550002.2 PTFE QC/TC 0.5M	 550003.2 PTFE QC/TC 1.0M	 900092 GASKET EPDM 2"	 900093 GASKET EPDM 3"	 900074 GASKET EPDM 3/4"	 900087 GASKET 1/2"	 900091 GASKET EPDM 1"

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. Sampling of more viscous liquids is possible, only will it take longer (depending on process pressure).

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 - AVAILABLE ON REQUEST

		STANDARD FOR 52 MM PORT LENGTH*	
INGOLD BODIES	HOSE PIECE	<i>On request</i>	<i>On request</i>
	MINI TRI-CLAMP	 <p>320002</p>	 <p>320005</p>
	WELDING LINER	<i>On request</i>	 <p>320007</p>

* OTHER PORT LENGTH - AVAILABLE ON REQUEST

KEOFITT CLASSIC "INGOLD" SAMPLING VALVE - HEADS

		TYPE H TURN KNOB 0-10 BAR(G)		TYPE Q LEVER HANDLE 0-10 BAR(G)	
INGOLD HEADS	SILICONE	 310041	 320041	 310043	 320043
	EPDM	 310041E	 320041E	 310043E	 320043E
	PTFE	 315541	 325541	 315543	 325543

		TYPE N LEVER HANDLE PNEUMATIC 0-10 BAR(G)		TYPE N PNEUMATIC, ADJUSTABLE 0-10 BAR			
INGOLD HEADS	SILICONE	 310044	 320044	<i>On request</i>			
	EPDM	 310044E	 320044E			<i>On request</i>	
	PTFE	 315544	 325544				

KEOFITT CLASSIC "INGOLD" - PARTS & ACCESSORIES

W9™ INGOLD PARTS & ACCESSORIES	O-RINGS	MEMBRANES	FOR MINI TRI-CLAMP	FOR VALVE HEADS	MISC.					
	 <p>300118 EPDM 20.24X2.62</p>	 <p>300119 20.24X2.62 FDA</p>	 <p>550184 FESTO</p>							
	 <p>310051 SILICONE (I40)</p>	 <p>310052 EPDM (I40)</p>	 <p>310055 PTFE (I40)</p>	 <p>320051 SILICONE (I52)</p>	 <p>320052 EPDM (I52)</p>	 <p>320055 PTFE (I52)</p>				
	 <p>300021 CLAMP PTFE 10/8</p>	 <p>550004 PTFE TC 0.5M</p>	 <p>550005 PTFE TC 1.0M</p>	 <p>800014 ADAPTER MINI CLAMP /1" CLAMP</p>	 <p>800083 QC TC</p>	 <p>900013 MINI CLAMP SPIKE</p>	 <p>900096 ADAPTER HP/TC</p>	 <p>900097 ADAPTOR M4 HP/TC</p>		
	 <p>300255 TOOL PTFE (I40/I52)</p>	 <p>600149 BUSHING</p>	 <p>600170 LEVER HANDLE Q/N</p>	 <p>600370 LEVER HANDLE SELF-CLOSING</p>	 <p>900074 GASKET EPDM 3/4"</p>	 <p>900087 GASKET EPDM 1/2"</p>	 <p>550002.2 PTFE TUBING W/QC/TC 0.5M</p>	 <p>550003.2 PTFE TUBING W/QC/TC 1 M</p>	 <p>900018 TOMMY BAR</p>	 <p>850840 PINOL SCREW F/W9 HEAD</p>
 <p>320530 ADAPTOR 30MM (I52)</p>	 <p>320540 ADAPTOR 40 MM (I52)</p>	 <p>320830 ADAPTOR PTFE 50MM (I52)</p>	 <p>900075 CLAMP RING 1/2"</p>	 <p>900021 BLIND CAP FOR MINI CLAMP</p>	 <p>700108 HOSE PIECE W9</p>	 <p>400166 PROXIMITY SWITCH FOR M4/W9</p>	 <p>600266 PROXIMITY SENSOR W9 - CLOSED POS.</p>	 <p>600267 PROXIMITY SENSOR MOUNTING KIT W9</p>		

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. Sampling of more viscous liquids is possible, only will it take longer (depending on process pressure).

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.



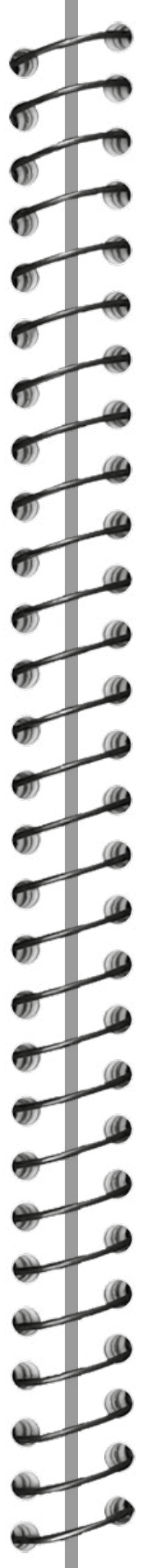
KEOFITT CLASSIC W15 SAMPLING VALVE - BODIES


		WELDING BODIES	
		TANK WELDING	PIPE WELDING
W15 BODIES	3/4" TRI-CLAMP	 <p>860001</p>	 <p>860011</p>
	3/4" WELDING ENDS	 <p>860007</p>	<p><i>On request</i></p>

CONNECTION BODIES		
VARIVENT Ø68	CLAMP 2"	CLAMP 3"
 <p>860009</p>	 <p>860002</p>	 <p>860003</p>
<p><i>On request</i></p>	<p><i>On request</i></p>	<p><i>On request</i></p>

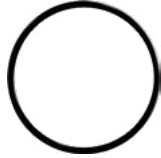

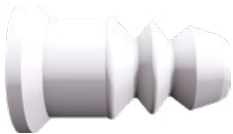









KEOFITT CLASSIC W15 SAMPLING VALVE - HEADS







W15 HEADS		TYPE H TURN KNOB 0-10 BAR (G)	TYPE B NO SPRING 0-12 BAR (G)
	PTFE	 865541	 865547



	TYPE N PNEUMATIC 0-10 BAR (G)
	 865544

KEOFITT CLASSIC W15 - PARTS & ACCESSORIES

W15™ PARTS & ACCESSORIES	O-RINGS	 400208 EPDM 60X3	 550184 FESTO	
	MEMBRANES	 860055 PTFE		
	FOR MINI TRI-CLAMP	 300021 CLAMP PTFE 10/8	 550004 PTFE TC 0.5M	 550005 PTFE TC 1.0M
	FOR VALVE HEADS	 600170 LEVER HANDLE Q/N	 600370 LEVER HANDLE SELF-CLOSING	 860255 TOOL PTFE
	MISC.	 900075 CLAMP RING 1/2"	 900074 GASKET EPDM 3/4"	 900092 GASKET EPDM 2"

 800014 ADAPTER TC/1"	 900013 MINI CLAMP SPIKE	 900096 ADAPTER HP/TC
 900093 GASKET EPDM 3"	 900186 2" CLAMP RING	 900021 BLIND CAP F/MINI TRI CLAMP

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. Sampling of more viscous liquids is possible, only will it take longer (depending on process pressure).

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
W25 BODIES	1" CLAMP	 <p>870001</p>	<p><i>On request</i></p>
	VELDING LINER	<p><i>On request</i></p>	<p><i>On request</i></p>

		CONNECTION BODIES	
		VARIVENT Ø68	CLAMP 3"
		 <p>870009</p>	 <p>870003</p>
		<p><i>On request</i></p>	<p><i>On request</i></p>

KEOFITT CLASSIC W25 SAMPLING VALVE - HEADS

W25 HEADS

PTFE

TYPE N
LEVER HANDLE
PNEUMATIC



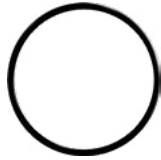

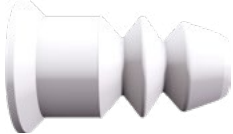




875544

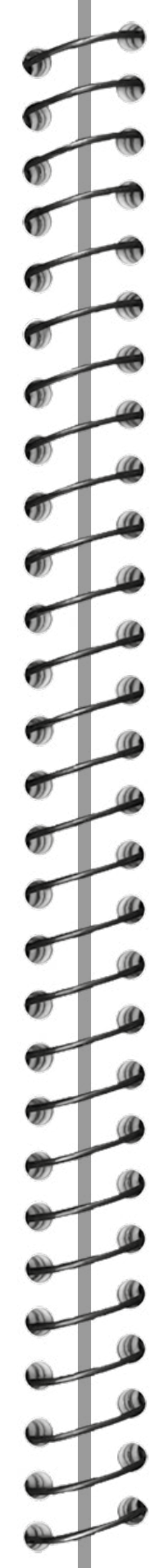
TYPE B
NO SPRING
0-12 BAR




875547

KEOFITT CLASSIC W25 - PARTS & ACCESSORIES

W25™ PARTS & ACCESSORIES	O-RINGS	 400208 EPDM 60X3	 900091 GASKET EPDM 1"	
	MEMBRANES	 870055 PTFE		
	FOR VALVE HEADS	 870255 TOOL PTFE		
	MISC.	 900086 CLAMP RING 1"	 800014 ADAPTER TC/1"	 900093 GASKET EPDM 3"



 900187 CLAMP RING FOR W25 VALVE		

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!



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

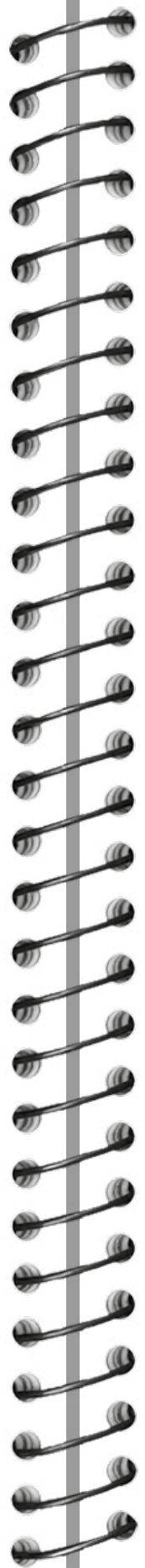
		MANUAL VALVE					
		TANK WELDING	PIPE WELDING	MINI CLAMP	1" & 1½" CLAMP	2" CLAMP	Ø68 VARIVENT
HOSE PIECE							
	SILICONE	830141	831141	832141	832241	830541	830941
	EPDM	830141EPDM	831141EPDM	832141EPDM	832241EPDM	830541EPDM	830941EPDM
	PTFE	830141PTFE	831141PTFE	832141PTFE	832241PTFE	830541PTFE	830941PTFE
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" & 1½" CLAMP	2" CLAMP	Ø68 VARIVENT
					
830144	831144	832144	832244	830544	830944
830144EPDM	831144EPDM	832144EPDM	832244EPDM	830544EPDM	830944EPDM
830144PTFE	831144PTFE	832144PTFE	832244PTFE	830544PTFE	830944PTFE
					
<i>On request</i>					

KEOFITT SIMPLEX - PARTS & ACCESSORIES

SIMPLEX™ PARTS & ACCESSORIES

O-RING					
	400208 EPDM 60X3	550184 FESTO	800830 SILICONE 10.3X2.4	830825 SILICONE 7X1	
	MEMBRANE				
		600051 SILICONE	600052 EPDM	600053 FFKM	850055 PTFE
FOR HOSE PIECE					
		550002 PTFE QC 0.5M	550003 PTFE QC 1.0M	550002.2 PTFE QC/TC 0.5M	550003.2 PTFE QC/TC 1M
					
	800083 QC TC	800086 QC W9 WITH M4 HP	900045 QC SYRINGE INJECTION	800013 QC SPIKE	
MISC.					
	600170 LEVER HANDLE Q/N	600255 TOOL PTFE	600370 LEVER HANDLE SELF-CLOSING	800075 WELDING PIECE FOR PTFE	
					
	900091 GASKET EPDM 1"	900092 GASKET 2" CLAMP EPDM	900074 GASKET EPDM 3/4"	900087 GASKET 1/2"	



				
800058 COIL	800061 QC PLUG	800070 QC STEEL PIPE	800091 QC PTFE	800082 QC W9 HOSE ID 7
				
600062 RUBBER CAP				
				
900075 CLAMP RING 1/2"	900086 CLAMP RING 1"	900186 CLAMP RING 2"	800052 HOSE PIECE/HOSE PIECE W9	830149 BUSHING
				
900096 ADAPTOR W9/W15 FOR HP/TC				

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.



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

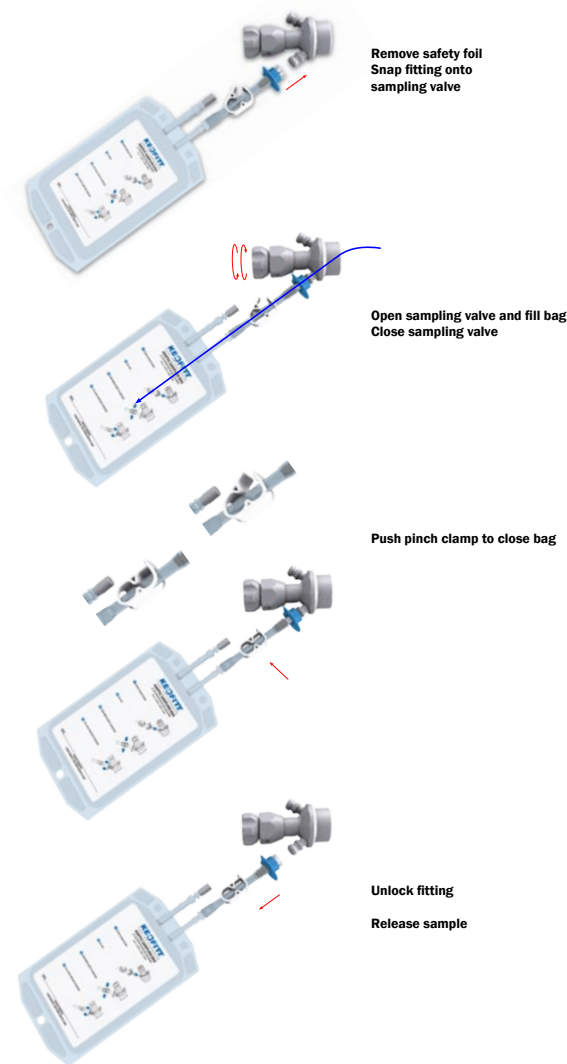
The Keofitt Sterile Sampling Bag is a sterile, pre-irradiated sampling bag wrapped in a sealed PE-bag. The sterile condition and the closed fluid path enables the user to extract liquid samples from the process line greatly reducing the risk of contaminating the sample from airborne contaminants in the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



		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*

KEOFITT ASEPTIC SAMPLING BAGS

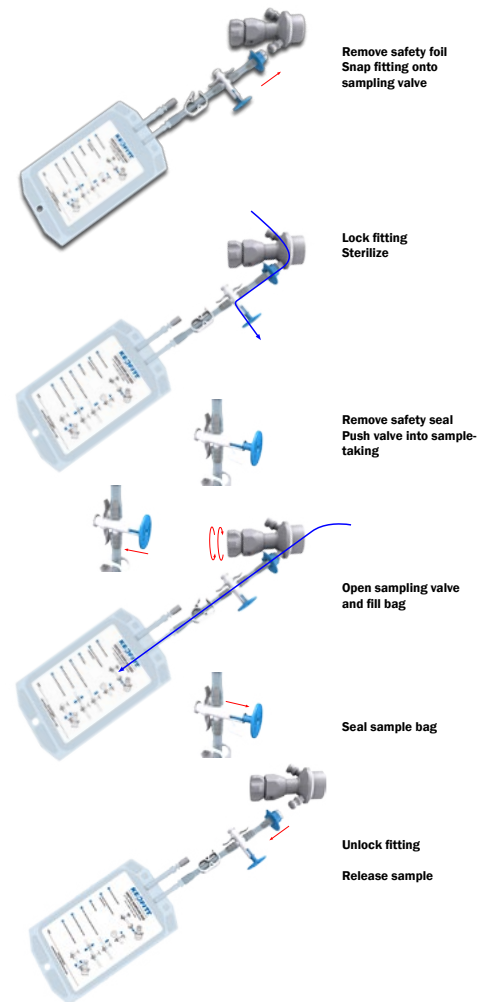
The Keofitt Aseptic Sampling Bag is a sterile, pre-irradiated sampling bag wrapped in a sealed PE-bag. Contrary to the Sterile Sampling Bag the Aseptic Bag is equipped with a 3-way valve allowing to steam sterilize the bag system before sampling. The sterile condition and this possibility to steam the 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.



		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	ML	120050TC*
		250	ML	120250TC
		500	ML	120500TC
		1000	ML	121000TC
		2000	ML	122000TC

KEOFITT SAMPLING BAGS

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:

- A polypropylene (PP) bag where cleanroom manufacturing conditions are sufficient

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).

KEOFITT SAMPLING BAGS



SPIKE BAGS

SIZE

ART. NO.

500 ML

130500PP*

1000 ML

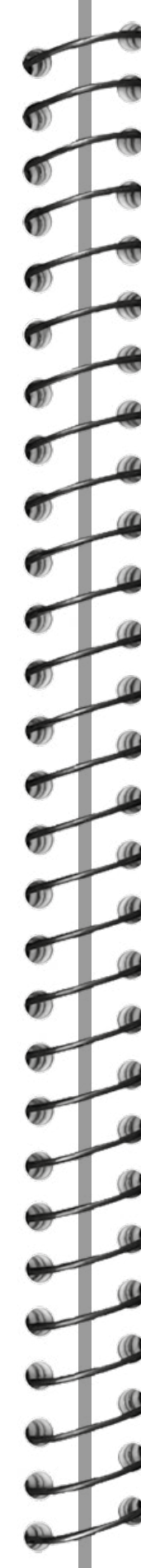
131000PP








3000 ML

133000PP*

KEOFITT SAMPLING BAGS - PARTS & ACCESSORIES

SAMPLING BAGS PARTS & ACCESSORIES	FOR HOSE PIECE	 <p>400013 QC SPIKE (M4)</p>	 <p>800013 QC SPIKE (W9)</p>
	FOR MINI CLAMP	 <p>900013 MINI CLAMP SPIKE</p>	 <p>800014 ADAPTOR TC/1"</p>
		 <p>400086 QC M4 FOR SPIKE BAG</p>	 <p>800083 QC W9/TC</p>



 <p>400830 SILICONE 5.3X2.4</p>	 <p>800830 SILICONE 10.3X2.4</p>	
 <p>900075 CLAMP RING 1/2"</p>	 <p>900087 GASKET EPDM 1/2"</p>	 <p>900074 GASKET EPDM 3/4"</p>
 <p>900096 ADAPTOR W9/W15 HP/TC</p>		 <p>150000 BAG CARRIER</p>



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.

SAMPLING



STERILIZATION



KEOFITT SAMPLING BOTTLE SYSTEMS

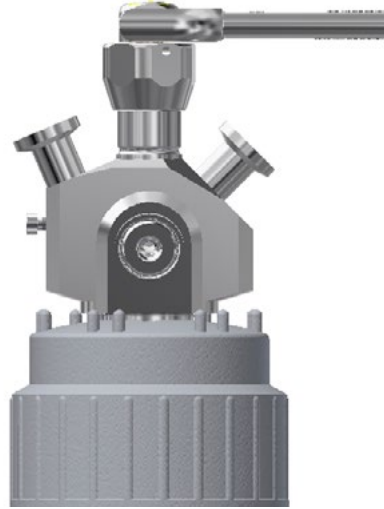
SAMPLING BOTTLE SYSTEMS

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															
		260325 PP BOTTLE 250 ML	260525 PP BOTTLE 1000 ML	260625 PP BOTTLE 2000 ML	260725 PP BOTTLE 4000 ML	260825 PP BOTTLE 5000 ML										
	TUBINGS															
		550002 PTFE QC 0.5M	550002.2 PTFE QC/TC 0.5M	550003 PTFE QC 1.0M	550003.2 PTFE QC/TC 1M	550004 PTFE TC 0.5M	550005 PTFE TC 1.0									
MISC.																

KEOFITT VARIOUS

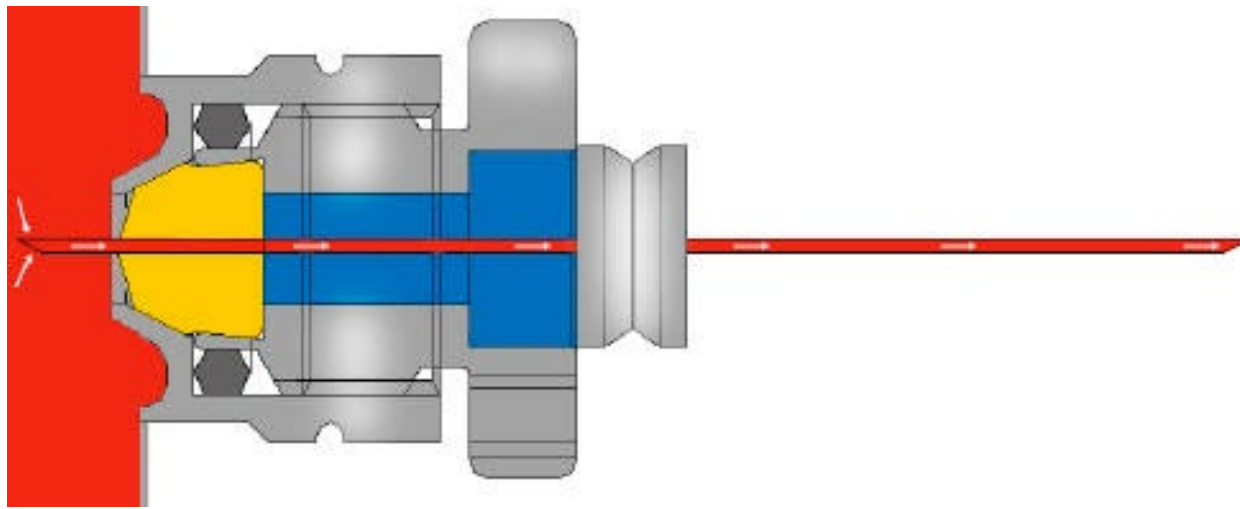
Being the world market's only true specialist KEOFITT has developed the widest and deepest product range available for sampling of liquids in all industries.

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.



SAMPLING



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 BUTYL (IIR) MEMBRANE	MICRO PORT		
	TANK	PIPE WELDING 1"	PIPE WELDING NW25
	 900056	 900057	 900014
MINI CLAMP	CLAMP 1" & 1½"	VARIVENT	
 900059	 900058	<i>On request</i>	

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



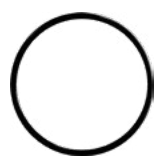
900822
EPDM 9.3X2.4



900824
EPDM 14X4



900825
EPDM 44.6X2.4



400208
EPDM 60X3

SEPTUM



900049
BUTYL

MISC.



840055
FILM MULTI



840118
TOOL MULTI



900054
NEEDLE



900055
WICK



900077
CHAIN



900441
PLUG



900075
CLAMP RING 1/2"



900086
CLAMP RING 1"



900074
GASKET EPDM 3/4



900087
GASKET EPDM 1/2"



900091
GASKET EPDM 1"



900093
GASKET 3" CLAMP EPDM



840102
INNER PLATE FOR MICRO PORT

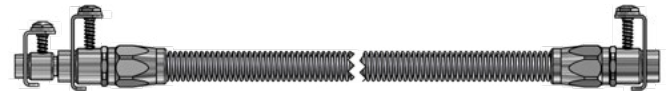
KEOFITT STEAM BOILER



550000
STEAM BOILER



550002
PTFE TUING W/QC 0.5M



550003
PTFE TUING W/QC 1.0M



800830
O-RING SILCONE 10.3X2.4



550830
O-RING SILICONE 16X3



900031
HP W9/MALE THREAD M12



550242
BURNER STAND

KEOFITT CARLSBERG FLASK



200001
CARLSBERG FLASK



900074
GASKET CLAMP 3/4" EPDM



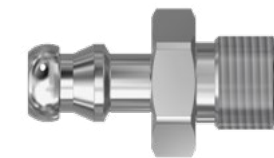
900091
GASKET 1" EPDM



800830
O-RING SILCONE 10.3X2.4



900031
HP W9/MALE THREAD M12



900037
HP M4/MALE THREAD M12



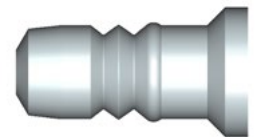
550002
PTFE TUING W/QC 0.5M



550003
PTFE TUING W/QC 1.0M



900049
MEMBRANE BUTYL



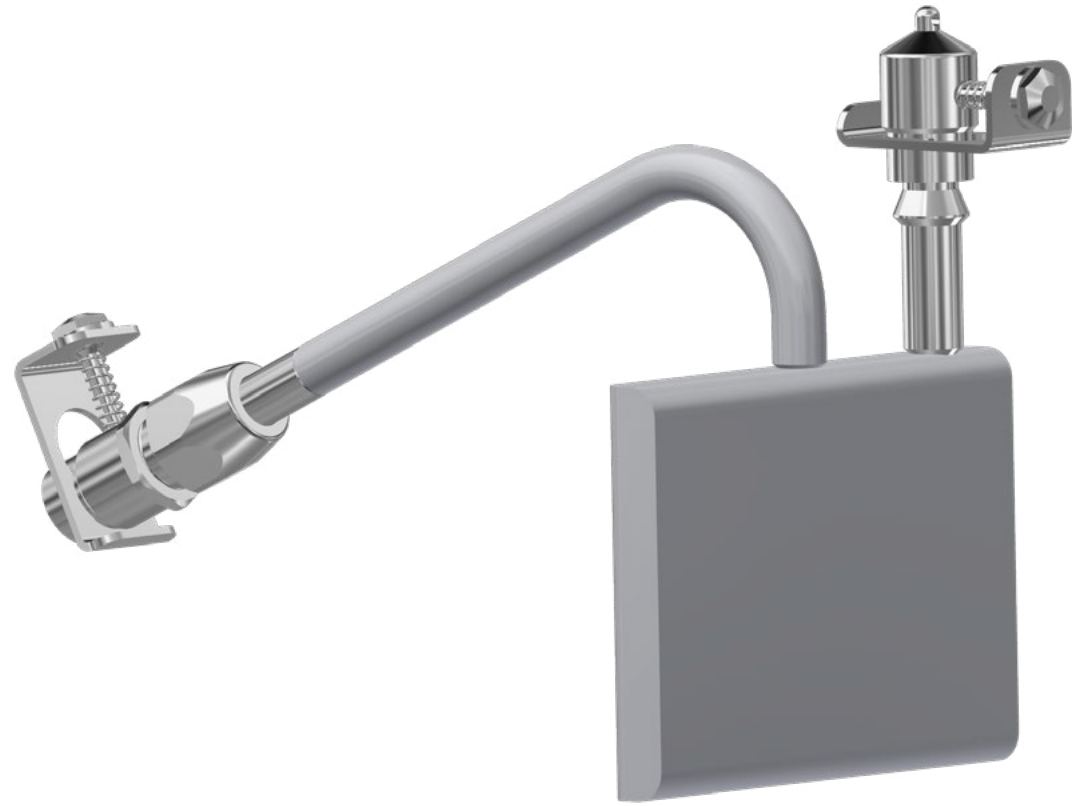
850055
MEMBRANE PTFE W9/SIMPLEX



200210
FILTER FOR CARLSBERG FLASK

KEOFITT CLIP-ON STEAMER

CLIP-ON STEAMER



550009
CLIP-ON STEAMER

KEOFITT CIP RECIRCULATOR

CIP RECIRCULATOR



550010
RE-CIRCULATOR

