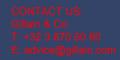


# PRODUCT CATALOG 2024







CONTACT US: Gillain & Co T: +32 3 870 60 80 E: advice@gillain.com

# **DEAR CUSTOMER**

We hope you will find this 2024 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.



CONTACT US: Gillain & Co T: +32 3 870 60 80 E: advice@gillain.com

CONTACT US: Gillain & Co T: +32 3 870 60 80 E: advice@gillain.com

## **KEOFITT SESAME**

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

This gives you:

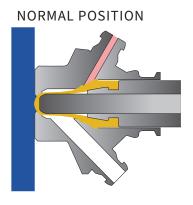
- No open steam inlet while sampling: No risk of steam condensate or other leftovers secretly contaminating your sample.
- Minimal volume in valve chamber when sampling: Minimal sample size required.
- Unique, incorporated sterilization of the area behind the membrane and the seal between the valve head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

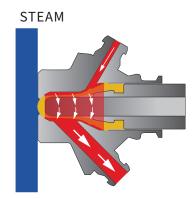


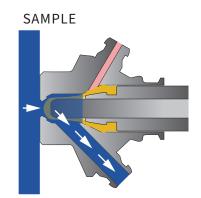


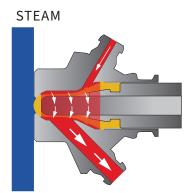
CONTACT US: Gillain & Co T: +32 3 870 60 80 E: advice@gillain.com

## **HOW IT WORKS**









#### **ADVANTAGES**

#### 1.

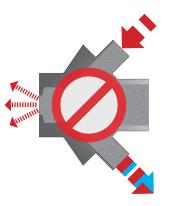
Sample will never spray out through the steam inlet during sampling. With normal valves, this happens when the operator forgets to mount the cap or the cap disconnects.



CONTACT US: Gillain & Co T: +32 3 870 60 80 E: advice@gillain.com

#### 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.



#### 3.

This is a risk with all other valves as the steam inlet is open even during sampling.

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.



## **KEOFITT SESAME<sup>™</sup> SAMPLING VALVE**

The KEOFITT SESAME<sup>™</sup> 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 membran e 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<sup>™</sup> 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<sup>™</sup> valve is used in a range of applications such as brewery, dairy, pharmaceutical and biotechnological companies, with a wide range of products such as:

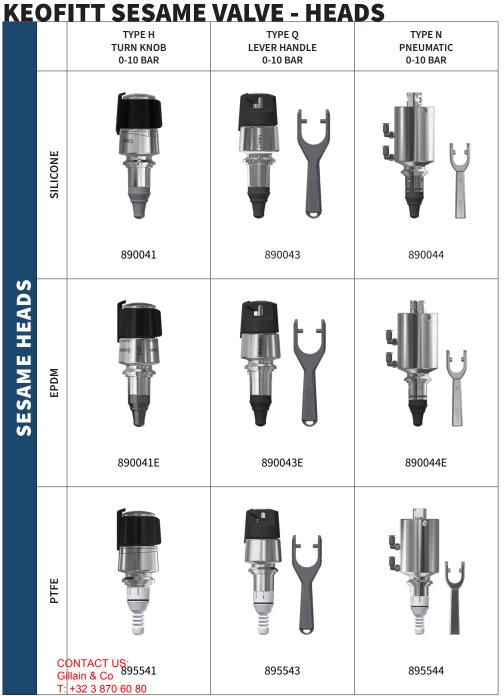
- Medical Solutions
- Filtered and Unfiltered Beer
- Creams and Lotions
- Unprocessed Milk
- Perfume



CONTACT US: Gillain & Co T: +32 3 870 60 80 E: advice@gillain.com

#### **KEOFITT SESAME VALVE - BODIES**

	•••	W	ELDING BODI			·	CON	NECTION BO	DIES			ING	OLD
		TANK WELDING	PIPE WELDING	PIPE WELDING NW25	VARIVENT Ø50	VARIVENT Ø68	MINI CLAMP	CLAMP 1" & 11⁄2"	CLAMP 2"	THREAD	UNION DIN 11851	INGOLD 40MM PORT LENGTH	INGOLD 52MM PORT LENTGH
	HOSE PIECE									on request		on request	on request
		890001	890011	890014	890008	890009	890036	NA-CONNECT ASME/DIN 890021	890003		890040		
SESAME BODIES	1/2" TRI-CLAMP			on request	on request			NA-CONNECT		on request	on request		Ŷ
AMI		890006	890010			890013	890039	ASME/DIN 890022	890005			893105	893205
SES	THREAD M16X1,5	07/EgUest	on request	N regulation	N regulation	200 regulation	153763, LO	077 ESUCES	077 ESUCES	N regulation	on reguess	2537053,400	on request
	1/2" WELDING ENDS		890019	on reguess	on reguess	on request	on request	on request	on request	on reguess	on reguess	www.gilla	in.com
	0 T	CONT <b>8907007</b> S: 5illain & Co <del>: +32 3 870 60 80</del>	)	0,	0,	0,	0`	0,	0`	0,	0,		gilla



#### **KEOFITT SESAME INGOLD VALVE - HEADS**

KE	<u>Ur</u>	III SESAME	INGOLD VAL	<u>/E - NEAUS</u>
		TYPE H TURN KNOB 0-10 BAR	TYPE Q LEVER HANDLE 0-10 BAR	TYPE N PNEUMATIC 0-10 BAR
SESAME INGOLD HEADS	INGOLD 140 PTFE	893141PTFE	893143PTFE	893144PTFE
<b>N</b>				
SESAME	INGOLD I52 PTFE			
		893241PTFE	893243PTFE	www.gillain.com 893244PTFE

	O-RINGS	300119 20.24X2.62 FDA	400208 EPDM 60X3	400308 EPDM 42X3	550184 FESTO	880830 EPDM 20.35X1.78		
SSORIES	MEMBRANES	890051 SILICONE	890052 EPDM	890055 PTFE	895531 PTFE (I40)	895532 PTFE (I52)		
PARTS & ACCESSORIES	FOR VALVE HEADS	600170 LEVER HANDLE N	600370 LEVER HANDLE Q SELF-CLOSING	880255 TOOL FOR PTFE	890170 LEVER HANDLE Q	890370 LEVER HANDLE Q SELF-CLOSING		
SESAME F	SE PIECE	550002 PTFE QC 0.5M	550003 PTFE QC 1.0M	550057 KÄRCHER ADAPTER	600062 RUBBER CAP	800017 QC SPIKE BAG HOLDER	800053 QC/QC W9	-
	FOR HOSE PIECE							
	G T:	ONTACT US: illain & Co <sup>800061</sup> +32 3 80 60 80	800070 QC STEEL PIPE	800082 QC HOSE BARB 3/8	800083 QC TC	800086 QC W9 WITH M4 HP	800091 QC PTFE	

KE	OF	ITT SESAM	IE - PARTS	& ACCESS	ORIES				
	O-RINGS	$\bigcirc$	$\bigcirc$	$\bigcirc$	0	$\bigcirc$			
		300119 20.24X2.62 FDA	400208 EPDM 60X3	400308 EPDM 42X3	550184 FESTO	880830 EPDM 20.35X1.78			
RIES	MEMBRANES								
SSO	Σ	890051 SILICONE	890052 EPDM	890055 PTFE	895531 PTFE (I40)	895532 PTFE (I52)			
SESAME PARTS & ACCESSORIES	FOR VALVE HEADS	600170	600370 LEVER HANDLE Q	880255	890170	890370 LEVER HANDLE Q			
PA		LEVER HANDLE N	SELF-CLOSING	TOOL FOR PTFE	LEVER HANDLE Q	SELF-CLOSING			
SESAME								<u>.</u>	÷
	FOR HOSE PIECE	550002 PTFE QC 0.5M	550003 PTFE QC 1.0M	550057 KÄRCHER ADAPTER	600062 RUBBER CAP	800017 QC SPIKE BAG HOLDER	800053 QC/QC W9	800058 QC COIL	800059 QC XL COIL
	FOR HO								
	C G T	CONTACT US: Sillain & Co <sup>800061</sup> +32 3 8 90 60 80	800070 QC STEEL PIPE	800082 QC HOSE BARB 3/8	800083 QC TC	800086 QC W9 WITH M4 HP	800091 QC PTFE	800171 QC ADAPTER HP/ THREAD	www.gillain.com 900045 QC SYRINGE INJECTION

## KEOFITT SESAME - PARTS & ACCESSORIES

S	FOR MINI TRI-CLAMP	300021 CLAMP PTFE 10/8	550002.2 PTFE QC/TC O.5M	550003.2 PTFE QC/TC 1M	550004 PTFE TC 0.5M	550005 PTFE TC 1.0M	800014 ADAPTER TC/1"	900096 ADAPTER HP/TC	900097 ADAPTER M4 HP/TC
& ACCESSORIES	ш. 				0				
<b>SESAME PARTS</b>	MISC.	700108 HP W9 F/WELDING	800052 HP/HP W9	900031 HP W9/ MALE THREAD M12X1	890063 SINGLE ST. ST.	890064 DOUBLE ST. ST. CHAIN	900047 TUBE PTFE 10/8	900189	
	Gi T:	900074 GASKET EPDM 3/4" DNTACT US: Ilain & Co +32 3 870 60 80 advice@gillain.com	900087 GASKET EPDM ½"	900091 GASKET EPDM 1"	900092 GASKET EPDM 2"	900075 CLAMP RING ½"	900086 CLAMP RING 1"	CLAMP RING FOR SESAME VALVE	900021 MINI BLIND CAP

CONTACT US: Gillain & Co T: +32 3 870 60 80 E: advice@gillain.com

# **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 several models/sizes:

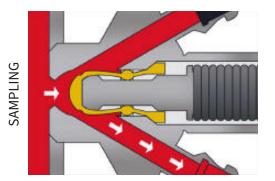
- W9 (ID 9 MM)
- INGOLD (ID 9 MM)
- 4KAI (ID 5 MM)
- W15 (ID 15MM)
- W25 (ID 25MM)



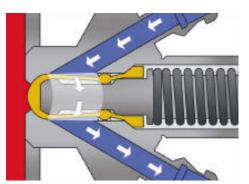


CONTACT US: Gillain & Co T: +32 3 870 60 80 E: advice@gillain.com

## **HOW IT WORKS**



STERILIZATION



CONTACT US: Gillain & Co T: +32 3 870 60 80 E: advice@gillain.com

## **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.



CONTACT US: Gillain & Co T: +32 3 870 60 80 E: advice@gillain.com

#### WELDING BODIES **CONNECTION BODIES** PIPE WELDING IN-LINE IN-LINE VARIVENT MINI CLAMP CLAMP 1" & CLAMP 2" CLAMP 3" TANK PIPE VARIVENT THREAD NW25 Ø50 Ø68 11⁄2" WELDING WELDING 1" VERTICAL HORIZONTAL M28X1,5 HOSE PIECE M28X1.5 850031 850001 850011 850014 850027\* 850028\* 850008 850009 850036 850021 850003 850004 DIN 11851 DN 10 850040 1/2" TRI-CLAMP on request on request on request on request on request W9<sup>TM</sup> BODIES 850022 850005 850006 850010 850020 850013 850039 850025 850026 THREAD M16X1,5 on request 850015 850016 850018 850024 850037 MEIDING ENDS on request www.gillain.com 850019 Gillain & Co T:<sup>|</sup>+32 3 870 60 80

#### **KEOFITT CLASSIC W9<sup>™</sup> SAMPLING VALVE - BODIES**

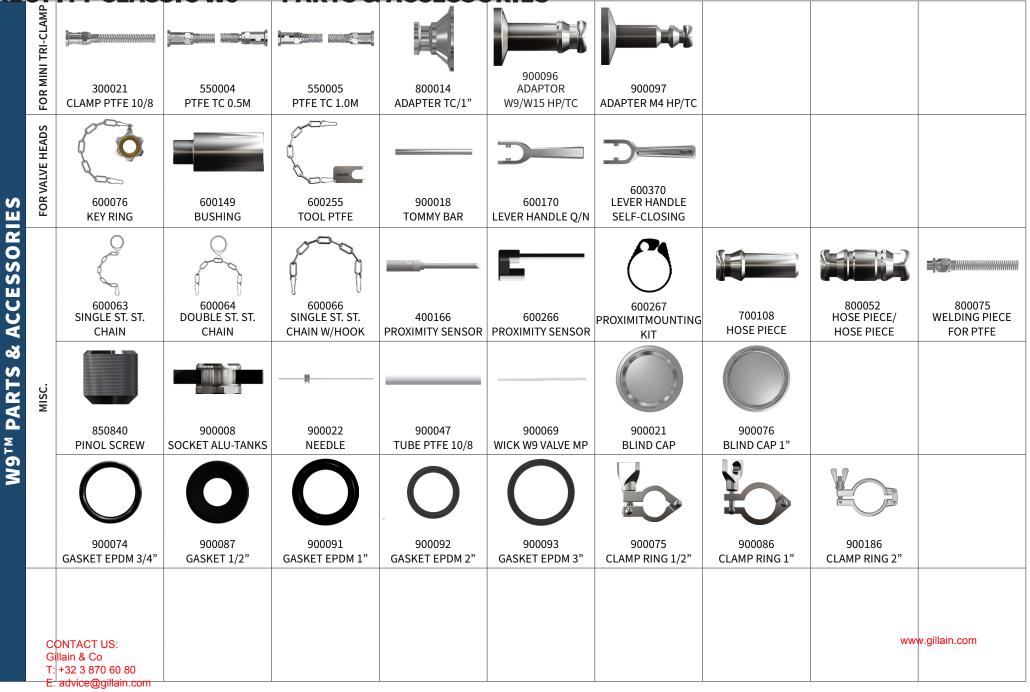
\* ON REQUEST ONLY!

			MF LING V		<b>U</b> J		1	1
	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	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)
SILICONE					ΨY			
	600041	600048	600042	600049	600043	600044	600045	600047
EPDM								
	600041E	600048E	600042E	600049E	600043E	600044E	600045E	600047E
PTFE		on request		on request				
T:	+32 3 870 60 80		855542		855543	855544	855545	www.gillain.com 855547
	H D D D D D D D D D D D D D D D D D D D	Image: Type H       Turn Knob         0-10 BAR       0-10 BAR         Image: Contact List 41       Image: Contact List 41	TYPE H TURN KNOB 0-10 BAR (FFKM 0-6 BAR)         TYPE H TURN KNOB W/ MICROPORT 0-10 BAR           INO 010         Image: Constant set of the s	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)           Image: State St	TYPE H TURN KNOB (FFKM 0-6 BAR)         TYPE H TURN KNOB (FFKM 0-6 BAR)         TYPE K KEY RING 0-10 BAR         TYPE K KEY RING 0-10 BAR           0003         IIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIII	TURN KNOB 0-10 BAR         TURN KNOB 0-10 BAR         TURN KNOB 0-10 BAR         KEY RING 0-10 BAR         KEY RING WOPT. 0-10 BAR         LEVER HANDLE 0-10 BAR         LEVER HANDLE 0-10 BAR           00001         00041         00048         00042         00049         00043           0001         00041         000048         00042         00049         00043           0001         00041         00048         00042         00049         00043           0001         00041         00048         00042         00049         00043           0001         00041         00048         00042         00049         00043           0001         00048         00042         00049         00043         00043           0001         00048         00042         00049         00043         00043           0001         00048         00042         00049         00043         00043	TYPE H UDBAR         TYPE H TURN KNOB W/ 0-10 BAR         TYPE H TURN KNOB W/ 0-10 BAR         TYPE H UDBAR         TYPE H KEY RING W/OPT. 0-10 BAR         TYPE H LEVE H HADLE 0-10 BAR         TYPE H D-10 BAR         TYPE H CHOOPART         TYPE H LEVE H HADLE 0-10 BAR         TYPE H D-10 BAR         TYPE H D-10 BAR         TYPE H CHOOPART         TYPE H LEVE H HADLE 0-10 BAR         TYPE H D-10 BAR         TYPE H HADLE         TYPE H D-10 BAR         TYPE HADLE         TYPE H D-	TYPE H 0-10 BAR (FFKM 0-5 BAR)         TYPE K WCROPORT 0-10 BAR (FFKM 0-5 BAR)         TYPE K 0-10 BAR (FFKM 0-5 BAR) <t< th=""></t<>

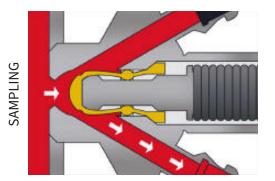
#### **KEOFITT CLASSIC W9<sup>™</sup> SAMPLING VALVE - HEADS**

KE	OF	ITT CLAS	SIC W9™	PARTS &		ORIES				
	O-RINGS	400208 EPDM 60X3	400308 EPDM 42X3	550184 FESTO	600825 SILICONE 7.1X1.6	600825E EPDM 7.1X1.6	800830 SILICONE 10.3X2.4	800830E EPDM 10.3X2.4	800859 SILICONE 7.5X2.5	900829 EPDM 21X4
ES	MEMBRANES	600051 SILICONE	600052 EPDM	600251 SILICONE MP	600252 EPDM MP	850055 PTFE				
W9™ PARTS & ACCESSORIES	FOR THREAD M16X1,5	700061 STEEL CAP	700062 HP W9 16X1.5	700070 TUBE FITTING WL	700071 TUBE FITTING PTFE	700084 BARB 4MM	700085 BARB 6MM			
PARTS & I		550002	550002.2	550003	550003.2	550057	600062	800017	800053	<b>4</b> 800058
<b>W9</b> <sup>TM</sup>	FOR HOSE PIECE	PTFE QC 0.5M	PTFE QC/TC 0.5M	PTFE QC 1.0M	PTFE QC/TC 1.0M	KÄRCHER ADAPTOR	RUBBER CAP	QC SPIKE BAG HOLDER	QC/QC W9	COIL
	Cí Gi T:	XL COIL	QC PLUG 800091 QC W/HOSE BARB FOR PTFE 10/8	QC STEEL PIPE	QC HOSE BARB 3/8	QC TC 900045 QC SYRINGE INJECTION	MEASUREMENTS	MALE LUER LOCK	LUER LOCK	QC W9 WITH M4 HP

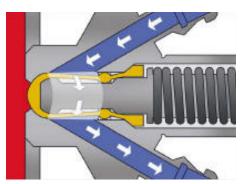
#### **KEOFITT CLASSIC W9<sup>™</sup> - PARTS & ACCESSORIES**



## **HOW IT WORKS**



STERILIZATION



CONTACT US: Gillain & Co T: +32 3 870 60 80 E: advice@gillain.com

## **KEOFITT CLASSIC INGOLD SAMPLING VALVE**

The KEOFITT CLASSIC INGOLD sampling valve is designed to fit bio-connectors type Ingold<sup>®</sup>. 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.

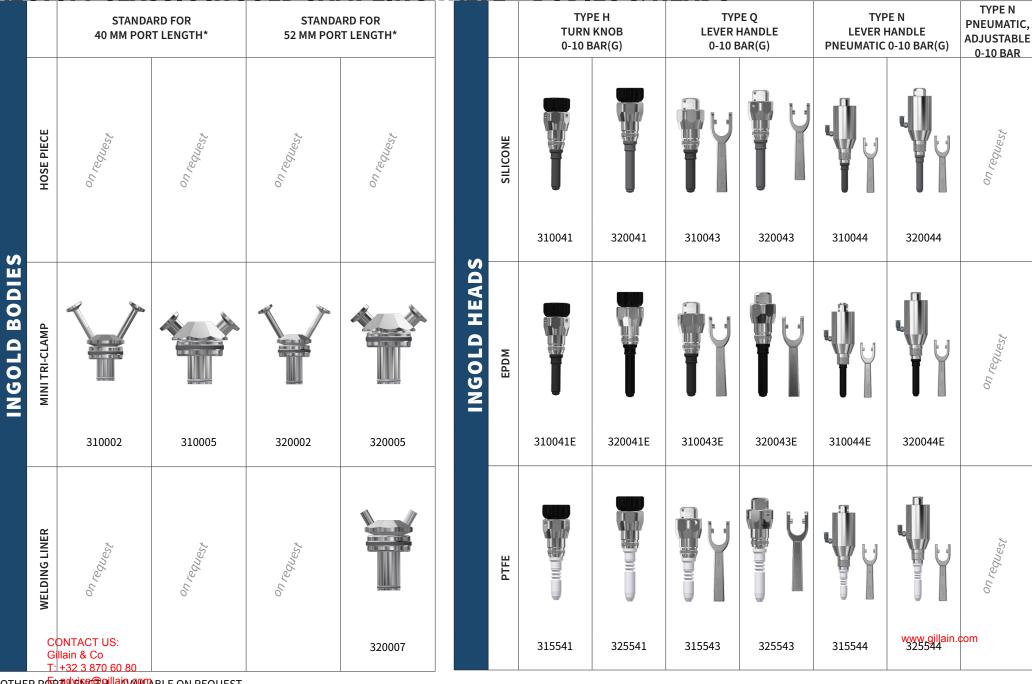
Accessories include quick couplings for the connection of tubing, piping and more.



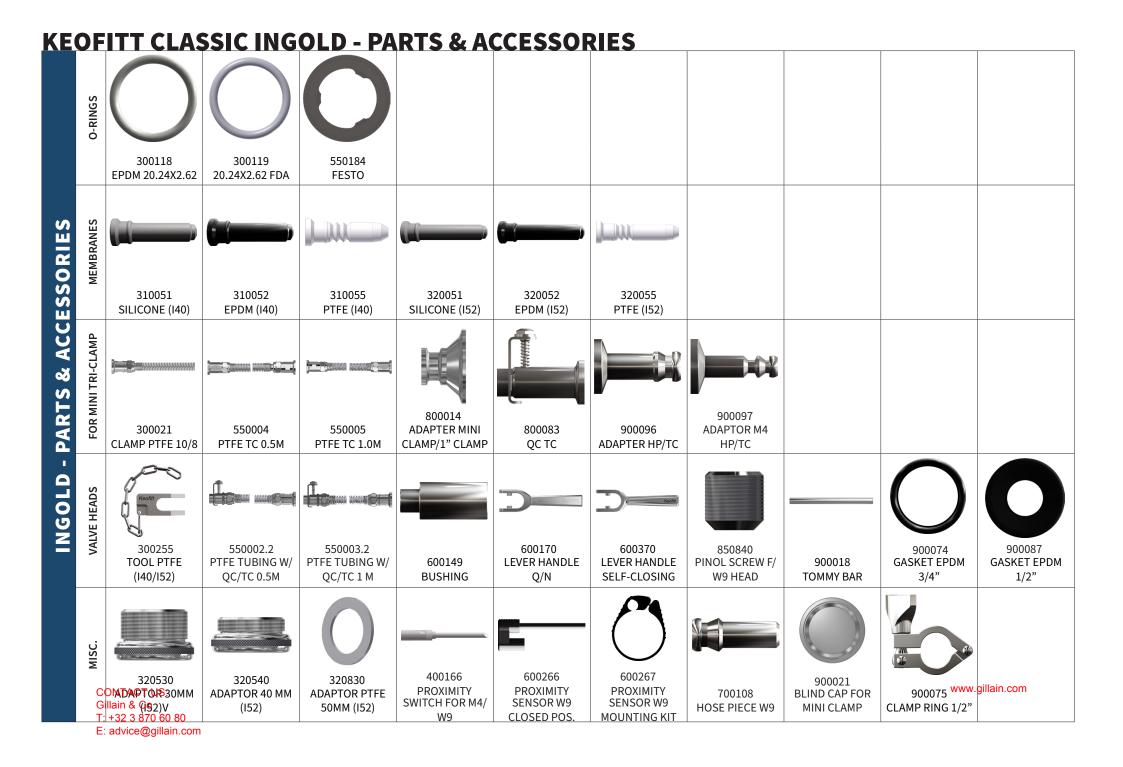
www.gillain.com

CONTACT US: Gillain & Co T: +32 3 870 60 80 E: advice@gillain.com

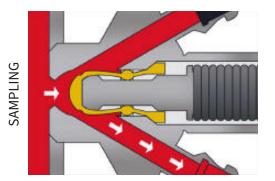
#### **KEOFITT CLASSIC INGOLD SAMPLING VALVE - BODIES & HEADS**



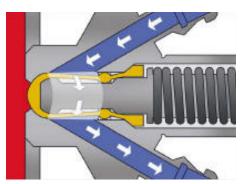
\* OTHER POR PUER POIL AND A CON REQUEST



## **HOW IT WORKS**



STERILIZATION



CONTACT US: Gillain & Co T: +32 3 870 60 80 E: advice@gillain.com

## **KEOFITT CLASSIC 4KAI SAMPLING VALVE**

The KEOFITT CLASSIC 4KAI Sampling Valve is the smallest KEOFITT CLASSIC 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

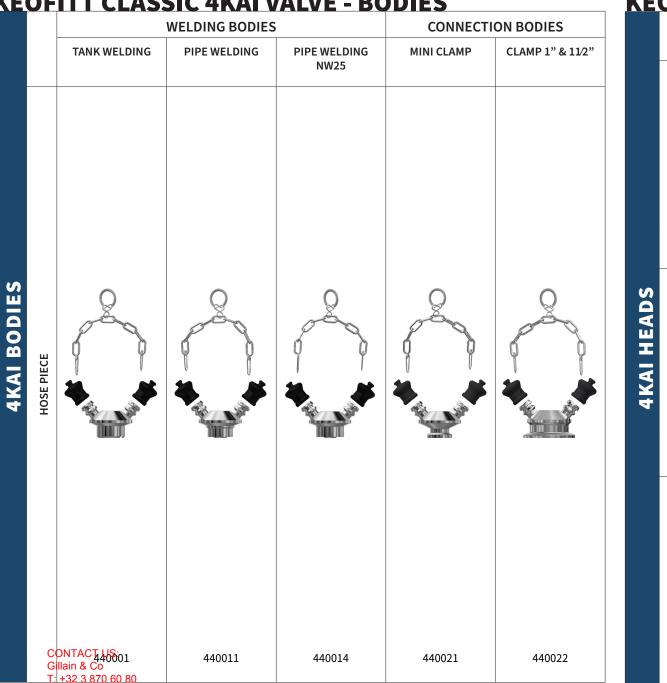
Besides the selection of the Valve Body and the Valve Head there are three different membrane materials to choose from: Silicone, EPDM and PTFE.

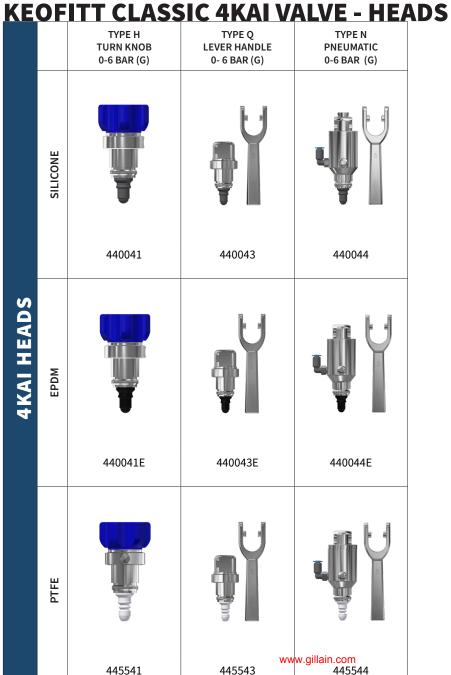
Accessories include quick couplings for the connection of tubing, piping and more.



www.gillain.com

CONTACT US: Gillain & Co T: +32 3 870 60 80 E: advice@gillain.com



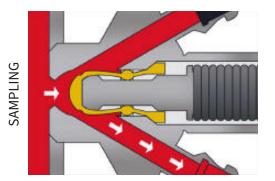


#### **KEOFITT CLASSIC 4KAI VALVE - BODIES**

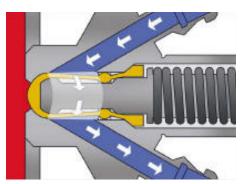
KE	OF	ITT CLAS	SSIC 4KA	I - PARTS	S & ACCE	SSORIE	5				
	O-RINGS	800830 10.3X2.4 SILIC	800830E EPDM 10.3X2.4	550184 FESTO	600825 SILICONE 7.1X1.6						
IES	MEMBRANES	400051 SILICONE	400052 EPDM	400055 PTFE							
4KAI - PARTS & ACCESSORIES	ц		fin mon	550057							
AC	SE PIEC	550003 PTFE QC 1.0M	550002 PTFE QC 0.5M	KÄRCHER ADAPTOR	600062 RUBBER CAP	800053 QC/QC W9	800082 QC HOSE BARB 3/8	800083 QC TC	800086 QC W9 WITH M4 HP	800061 QC PLUG	800070 QC STEEL PIPE
ARTS &	FOR HOSE PIECE	900045	900031	<u>.</u>	÷						
-		QC SYRINGE INJECTION	HP MALE THREAD M12	800058 COIL	800059 XL COIL	800091 QC PTFE					
4KA	VALVE HEADS			<b>D</b>							
	VALVI	900018 TOMMY BAR	600370 LEVER HANDLE SELF-CLOSING	600170 LEVER HANDLE Q/N	400255 TOOL PTFE						
	ISC.	ONTAG#0064				0	0	£			
	G T	ONTA⊄#00654 illabO&B⊵EST.ST. +32387/Afi⊋80 advice@gillain.com	900086 CLAMP RING 1"	900075 CLAMP RING 1/2"	900047 TUBE PTFE 10/8	900087 GASKET 1/2"	900091 GASKET EPDM 1"	550002.2 PTFE QC/TC 0.5M	550003.2 PTFE QC/TC 1.0M	440149 WWW. BUSHING FOR 4KAI/BASIX HEAD	gillain. 800052 HOSE PIECE/ HOSE PIECE

#### VEASITT CLASSIC AVAL DADTS & ACCESSADIES

## **HOW IT WORKS**



STERILIZATION



CONTACT US: Gillain & Co T: +32 3 870 60 80 E: advice@gillain.com

## **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.



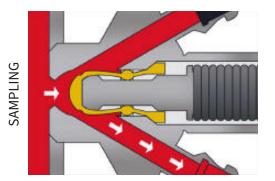
CONTACT US: Gillain & Co T: +32 3 870 60 80 E: advice@gillain.com

		WELDING	S BODIES			ON BODIES			FITT CLASS	TYPE B NO SPRING	TYPE N PNEUMATIC
-		TANK WELDING	PIPE WELDING	VARIVENT Ø68	CLAMP 1"	CLAMP 2"	CLAMP 3"		0-10 BAR (G)	0-12 BAR (G)	0-10 BAR
JIES	3/4" TRI-CLAMP							ADS			
MT2 BODIES		860001	860011	860009	860004	860002	860003	W15 HEADS			
	3/4" WELDING ENDS		on request	on request	on request	on request	on request				
	C G	ONTACT US: illain & 6007 : +32 3 870 60 80							865541	865547	www.gillain.com 865544

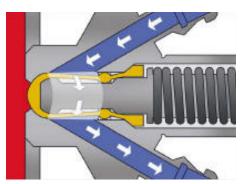
KE	<u>OF</u>	<u>ITT CLASSIC V</u>	<b>V15 - PARTS &amp;</b>	ACCESSORIES			
	O-RINGS	400208 EPDM 60X3	550184 FESTO				
SORIES	MEMBRANES	860055 PTFE					
W15 PARTS & ACCESSORIES	FOR MINI TRI-CLAMP	300021 CLAMP PTFE 10/8	550004 PTFE TC 0.5M	550005 PTFE TC 1.0M	800014 ADAPTER TC/1"	900096 ADAPTER HP/TC	
W15 PAR	FOR VALVE HEADS	600170 LEVER HANDLE Q/N	600370 LEVER HANDLE SELF-CLOSING	860255 TOOL PTFE			
	C G T F	ONTACT US:900021 Ilain & Co +32 3 870 60 50 advice@gillain.com	900074 GASKET EPDM 3/4"	900092 GASKET EPDM 2"	900093 GASKET EPDM 3"	900075 CLAMP RING 1/2"	www.gillain.com 900186 2" CLAMP RING

#### VEALET ALLACIA MILE DADEA A ACCESSADIES

## **HOW IT WORKS**



STERILIZATION



CONTACT US: Gillain & Co T: +32 3 870 60 80 E: advice@gillain.com

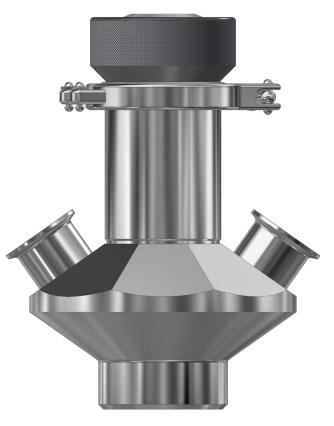
## **KEOFITT CLASSIC W25 SAMPLING VALVE**

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

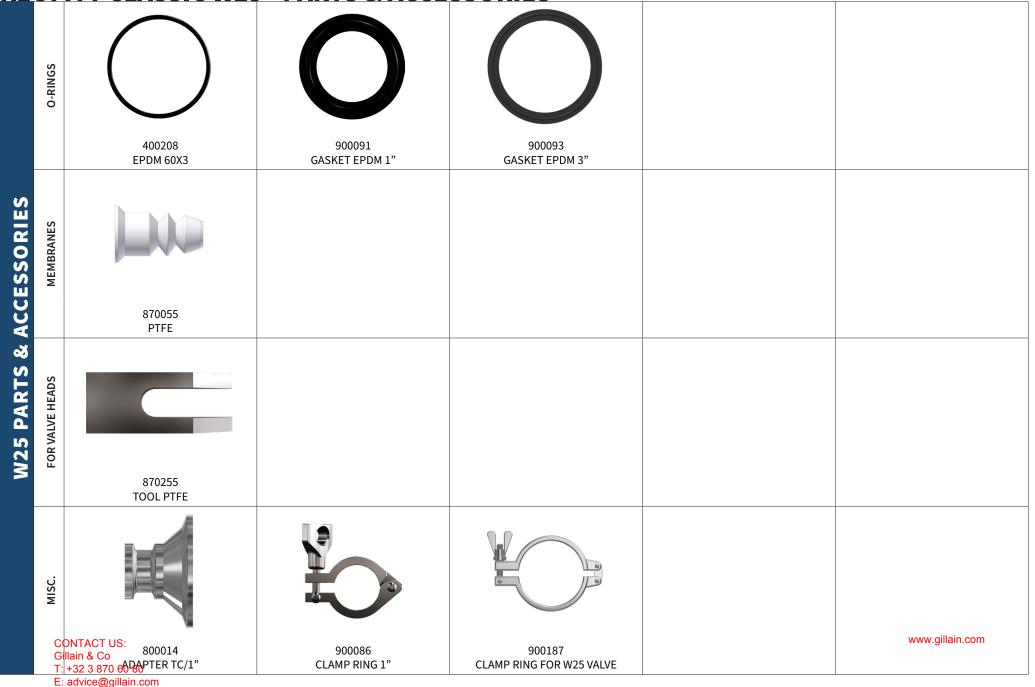
Available with PTFE membrane.



CONTACT US: Gillain & Co T: +32 3 870 60 80 E: advice@gillain.com

	WELDING	BODIES	CONNECTI	ON BODIES		TYPE N PNEUMATIC	TYPE B NO SPRING
	TANK WELDING	PIPE WELDING	VARIVENT Ø68	CLAMP 3"		0-6 BAR	0-12 BAR
1" CLAMP		on request			S		
	870001		870009	870003	W25 HEADS		Ī
WELDING LINER	on request	on request	on request	on request			
G	ONTACT US: illain & Co : +32 3 870 60 80					875544	www.gillain.co 875547

#### **KEOFITT CLASSIC W25 - PARTS & ACCESSORIES**



CONTACT US: Gillain & Co T: +32 3 870 60 80 E: advice@gillain.com

# **KEOFITT SINGLE-PORT SAMPLING VALVE**

Replace your ordinary, non-hygienic sampling cocks with the KEOFITT Single-Port Sampling Valve.

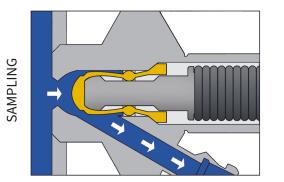
This valve is CIP-able with process CIP and still true to the KEOFITT concept, as it is available with various process connections with manual or pneumatic operation.



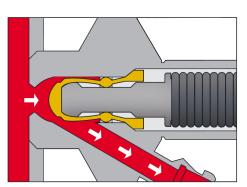


CONTACT US: Gillain & Co T: +32 3 870 60 80 E: advice@gillain.com

## **HOW IT WORKS**



STERILIZATION



CONTACT US: Gillain & Co T: +32 3 870 60 80 E: advice@gillain.com

# **KEOFITT SINGLE-PORT W9<sup>™</sup> SAMPLING VALVE**

The KEOFITT Single-Port W9<sup>™</sup> sampling valve is our solution for CIP-able sampling from less demanding applications. If the KEOFITT Single-Port sampling valve BASIX<sup>™</sup> does not cover your need due its smaller size, the 9mm outlet on the Single-Port W9 will do the job. With the W9-solution you have the added benefit of choosing products from a selected range within the W9 product outline.

This valve is designed for sampling of products with a viscosity of 0-1000 cP with particles up to 3 mm in diameter.

The Single-Port W9 valve is usable for simple, hygienic sampling in all industries for products such as:

- Water
- Milk
- Perfume
- Fruit juice

Available in many versions; choose your preferred type of head from our W9 product outline.



CONTACT US: Gillain & Co T: +32 3 870 60 80 E: advice@gillain.com

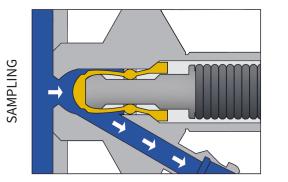
CONTACT US: Gillain & Co T: +32 3 870 60 80 E: advice@gillain.com

#### **KEOFITT W9 SINGLE-PORT BODIES**

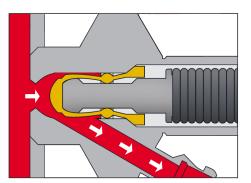
	WELDING	G BODIES				
	TANK WELDING	PIPE WELDING	VARIVENT Ø50	VARIVENT Ø68	MINI CLAMP	CLAMP 1" & 11⁄2"
HOSE PIECE						
	850001-1	850011-1	850008-1	850009-1	850036-1	850021-1
1/2" TRI-CLAMP	C C C C C C C C C C C C C C C C C C C	6 T CONTRACTOR OF CONTRACTOR O	6 T CONTRACTOR OF CONTRACTOR O	ST REPORT		Contraction of the second seco
C	DNTACT US: Ilain & Co				850039-1	www.gillain.com

E: advice@gillain.com \* CHOOSE VALVE HEAD AND PARTS & ACCESSORIES FROM THE W9 SECTION

## **HOW IT WORKS**



STERILIZATION



CONTACT US: Gillain & Co T: +32 3 870 60 80 E: advice@gillain.com

# **KEOFITT BASIX SAMPLING VALVE**

The KEOFITT BASIX<sup>™</sup> Sampling Valve is our basic CIP-able sampling valve for less demanding applications. The KEOFITT BASIX<sup>™</sup> Sampling Valve is our product category for process CIP-able sampling valves for less demanding applications that require no separate inlet for sterilizing or sanitizing media.

This valve is designed for sampling of low viscosity products in the range of 0-100 cP with particles less than 1,5 mm in diameter.

Basix<sup>™</sup> is used for simple, hygienic sampling in all industries for products such as:

- Water
- 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.



CONTACT US: Gillain & Co T: +32 3 870 60 80 E: advice@gillain.com

#### **KEOFITT BASIX<sup>™</sup> VALVES**

			L VALVE		PNEUMATIC VALVE				
	TANK WELDING	PIPE WELDING	MINI CLAMP	1" & 11⁄2" CLAMP	TANK WELDING	PIPE WELDING	MINI CLAMP	1" & 11⁄2" CLAMP	
BASIX <sup>TM</sup> VALVES					Y				
BAS	450141	451141	452141	452241	450144	451144	452144	452244	
M D D	450141EPDM	451141EPDM	452141EPDM	452241EPDM	450144EPDM	451144EPDM	452144EPDM	452244EPDM	
DTEE	450141PTFE CONTACT US: Gillain & Co T:+32 3 870 60 80	451141PTFE	452141PTFE	452241PTFE	450144PTFE	451144PTFE	452144PTFE	452244PTFE www.gillain.com	

KE	OF	ITT BASIX	™ - PARTS a	& ACCESSC	RIES	1	Γ	1	
	O-RINGS	550184 FESTO	600825 SILICONE 7.1X1.6	800830 SILICONE 10.3X2.4	830830E EPDM 10.3X2.4				
RIES	MEMBRANE	400051 SILICONE	400052 EPDM	400055 PTFE					
& ACCESSORIES	IECE	450063	550002	550003	550002.2	550003.2	600062	800058	<b>₽</b> 800059
S &	FOR HOSE PIECE	SINGLE ST.ST. CHAIN	PTFE QC 0.5M	PTFE QC 1.0M	PTFE QC/TC 0.5M	PTFE QC/TC 1M	RUBBER CAP	SAMPLING COIL W9	SAMPLING COIL XL W9
BASIX <sup>TM</sup> - PARTS	FOR H								900045
стм _		800053 QC/QC W9	800061 QC PLUG	800070 QC STEEL PIPE	800082 QC W9 HOSE ID 7	800083 QC TC	800086 QC W9 WITH M4 HP	800091 QC PTFE	QC SYRINGE INJECTION
BASI		Kente	-selline.		Kaofit				
	ISC.	400255 TOOL FOR MEMBRANE (PTFE)	440149 BUSHING FOR 4KAI/ BASIX HEAD	600170 LEVER HANDLE Q/N	600370 LEVER HANDLE SELF-CLOSING	800052 HOSE PIECE/ HOSE PIECE W9	900018 TOMMY BAR	900031 HP W9/MALE THREAD M12	900047 TUBE PTFE 10/8MM
	SIM		¥)	0	0				vww.gillain.com
	C G T E	ONTACT US: illain & Cog00075 : +3ዊያልሻው የብላዊ 1/2" <del>: advice@gillain.com</del>	900086 CLAMP RING 1"	900087 GASKET MINI CLAMP 1/2" EPDM	900091 GASKET EPDM 1"				www.gmain.com

CONTACT US: Gillain & Co T: +32 3 870 60 80 E: advice@gillain.com

# **KEOFITT SAMPLING BAGS**

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

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

The 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.



CONTACT US: Gillain & Co T: +32 3 870 60 80 E: advice@gillain.com



# **KEOFITT SAMPLING BAG™**

The brand new single-use KEOFITT Sampling Bag<sup>™</sup> is designed to collect liquid process samples in a hygienic, safe and efficient way.

The KEOFITT Sampling Bag<sup>™</sup> is suitable for any liquids with very high viscosity in the range of 0-250,000 cP and liquid products with solid particles with a size of up to 15mm in diameter.

Its unique and certified design allows an effective sterilization or disinfection of the complete flow prior to sampling to ensure the integrity of the sample.

The samples will be protected from any air-borne or cross contamination, as they are taken into a closed and hygienic system.

The KEOFITT Sampling Bag<sup>™</sup> fits ALL KEOFITT valves - including W15 and W25 valves.

Intended for collecting and storing any samples for microbiological and chemical/physical analysis, it is an ideal solution for food/dairy/beverage/brewing applications.



CONTACT US: Gillain & Co T: +32 3 870 60 80 E: advice@gillain.com

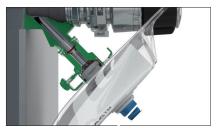
# **HOW IT WORKS**



Remove the seal from the inlet and outlet and connect the bag to the valve by using the corresponding fitting.



Clean/sterilize the flow path (valve and bag) through the valve inlet.



Open the bag and the sampling valve to take the sample.

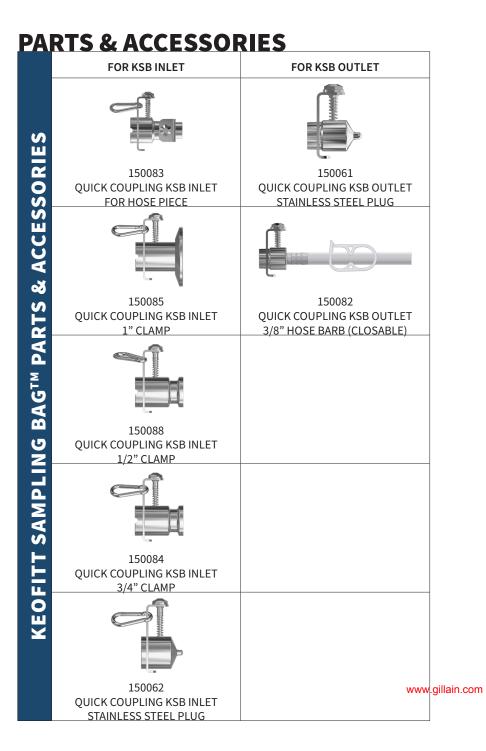




Close the valve and the bag (optional: flush/clean/sterilize again)

Remove the bag and bring it to the lab for analyzing the sample.





# **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.

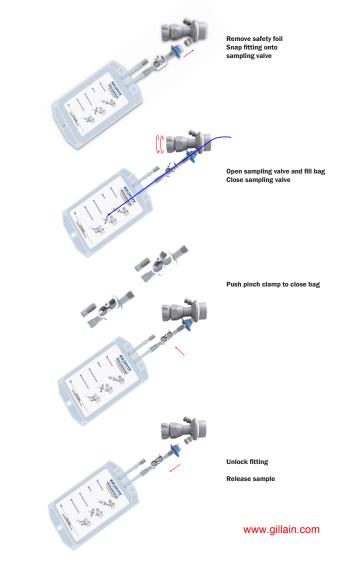
The KEOFITT Sterile Sampling Bag is the ultimate sampling bag solution based on KEOFITT's renowned high quality and ultra hygienic sampling valve design. It is delivered with either a Mini Tri-Clamp or a KEOFITT W9 Quick Coupling.

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.

HOW IT WORKS **KE3FITT STERILE SAMPLING BAG** 





CONTACT US: Gillain & Co T: +32 3 870 60 80 E: advice@gillain.com

#### **KEOFITT STERILE SAMPLING BAGS**

	STERILE SAMPLI	NG BAGS	
		SIZE	ART. NO.
		1000 ML	111000
		2000 ML	112000*
HOSE PIECE			
T;	DNTACT US: lain & Co +32.3 870 60 80 advice@gillain.com		

www.gillain.com

\* ON REQUEST ONLY

# **KEOFITT ASEPTIC SAMPLING BAGS**

The KEOFITT Aseptic Sampling Bag is a sterile, pre-irradiated sampling bag wrapped in a sealed PEbag. 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.

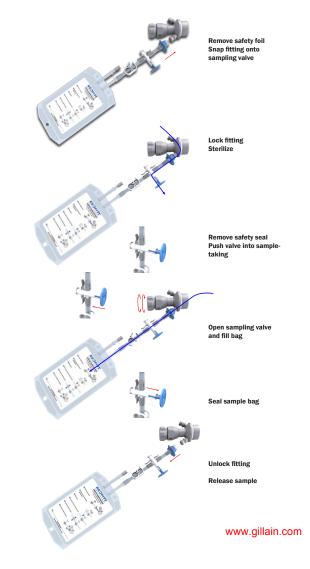
The Aseptic Sampling Bag is a single use product intended for collecting and easy storage of samples from true aseptic samples for microbiological and chemical analysis.

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.

CONTACT US: Gillain & Co T: +32 3 870 60 80 E: advice@gillain.com

# HOW IT WORKS **KE3FITT. ASEPTIC SAMPLING BAG**



#### **KEOFITT ASEPTIC SAMPLING BAGS**

	ASEPTIC SAMPLI	NG BAGS	
		SIZE	ART. NO.
		250ML	120250
HOSE PIECE		500 ML 1000 ML	120500
CLAMP HOSE PIECE			121000
		2000 ML	122000
		500 ML	120500TC
MINI TRI-CLAMP		2000 ML	122000TC
MINI TR			
Gi	ONTACT US: Illain & Co		
	+32 3 870 60 80 ; advice@gillain.com		

www.gillain.com

# **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 thick needles for fast and convenient sampling of most liquids including viscous products.

The KEOFITT Spike Sampling Bag is a multi-layer PP sampling bag manufactured under cleanroom conditions (class C).

The KEOFITT Spike Sampling Bag features a septum, which accepts thick needles (spikes) with up to 2,5 mm internal diameter. This assures a much faster sampling process than otherwise experienced with hypodermic needles. Despite the thick needle the unique septum design assures an auto-sealing effect after collection of the sample.

The KEOFITT Spike Sampling Bag works with the KEOFITT Quick Coupling Spike holder that fits all standard KEOFITT Sampling valves (see Accessories).



CONTACT US: Gillain & Co T: +32 3 870 60 80 E: advice@gillain.com

#### **KEOFITT SPIKE SAMPLING BAGS**

	SPIKE BA	GS	
		SIZE	ART. NO.
		1000 ML	171000
BAGS			
AMPLING	KEOFITT SPIKE SAMPLING BAG <sup>TM</sup>		
KEOFITT SAMPLING BAGS	<u>~ 600 ml</u> 		
(	CONTACT US: Gillain & Co T: +32 3 870 60 80		

www.gillain.com

E: advice@gillain.com

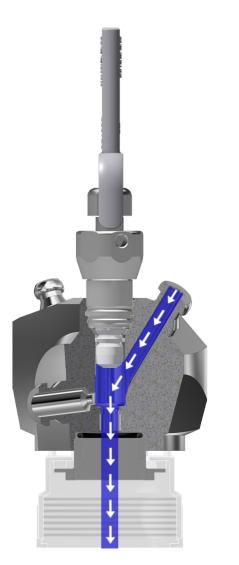
CONTACT US: Gillain & Co T: +32 3 870 60 80 E: advice@gillain.com

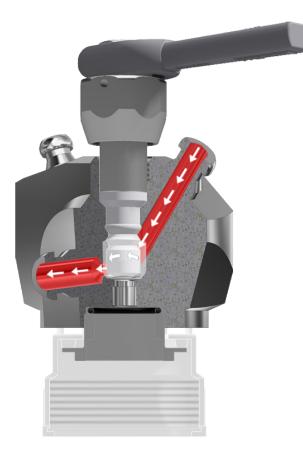
## **KEOFITT SPIKE SAMPLING BAGS - PARTS & ACCESSORIES**

			ING DAGS - PAR			
SORIES	FOR HOSE PIECE	0	0			
E S		400830 SILICONE 5.3X2.4	800830 SILICONE 10.3X2.4	800017 QC SPIKE (W9)		
i PARTS & ACCESSO	MP					
BAG	RI-CLA	800014 ADAPTOR TC/1"	800083 QC W9/TC	900096 ADAPTOR W9/W15 HP/TC	900075 CLAMP RING ½"	
SAMPLING	FOR MINI TRI-CLAMP	900087	900074			
SPIKE		GASKET EPDM ½"	GASKET EPDM <sup>3</sup> /4"			
ΚΕΟΓΙΤΤ S						
	Gi T:	DNTACT US: llain & Co +32 3 870 60 80 advice@gillain.com				www.gillain.com

#### SAMPLING

#### **STERILIZATION**





CONTACT US: Gillain & Co T: +32 3 870 60 80 E: advice@gillain.com

# **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 guarantied 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.



www.gillain.com

CONTACT US: Gillain & Co T: +32 3 870 60 80 E: advice@gillain.com

	ASEPTIC SAMPLING SYSTEM FOR BOTTLE SIZES 250-2000ML	ASEPTIC SAMPLING SYSTEM FOR BOTTLE SIZES 4000/5000ML	SAMPLING BOTTLE HEAD W9	SAMPLING BOTTLE HEAD W15	SAMPLING BOTTLE HEAD W25
SAMPLING BOTTLE SYSTEMS					
	CONTACT US: Gillain & Co 260005 T: +32 3 870 60 80	260006	260030	860030	www.gillain.com 870030

#### **KEOFITT SAMPLING BOTTLE SYSTEMS**

<b>KE</b>	OF	<u>ITT SAMP</u>	LING BO	FTLES - P/	ARTS & AG	CESSOR	ES			
	BOTTLES									
ES		260325 PP BOTTLE 250ML	260525 PP BOTTLE 1000ML	260625 PP BOTTLE 2000ML	260725 PP BOTTLE 4000ML	260825 PP BOTTLE 5000ML				
& ACCESSORIES	TUBINGS		<u>i</u>							
& A		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			
- PARTS		$\bigcirc$	Ο						÷	Ī
LES		260327 GASKET PP 250-2000 ML	260427 GASKET PP 4000/5000 ML	260326 LID PP BOTTLE W/HOLE 250-2000 ML	260328 LID PP BOTTLE 250-2000 ML	260426 LID PP BOTTLE W/ HOLE 4000/5000 ML	260428 LID PP BOTTLE 4000/5000 ML	260081 QC F/FILTER ASEPTIC SYSTEM	260122 STERILE FILTER FOR ASEPTIC SYSTEM	260370 FILLING TUBE PTFE
NG BOTTLES	MISC.	$\bigcirc$	$\bigcirc$							
SAMPLING		260158 O-RING EPDM 21.89X2.62	260159 O-RING EPDM 24.6X2.4	800014 ADAPTER TC/1"	800053 QC/QC W9	800061 QC W9 ST. ST. PLUG	900096 ADAPTER HP/TC	900097 ADAPTER HP/TC	900021 BLIND CAP MINI CLAMP	900076 BLIND CAP 1" CLAMP
SAI		0	0							
	GI T:	DNTAC500074 Ilain & FF EPDM 3/4" +32 3 870 60 80 advice@gillain.com	900091 GASKET EPDM 1"	900075 CLAMP RING 1/2"	900086 CLAMP RING 1"				ww	w.gillain.com

#### 

CONTACT US: Gillain & Co T: +32 3 870 60 80 E: advice@gillain.com

# **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 vessel sultures in a steri

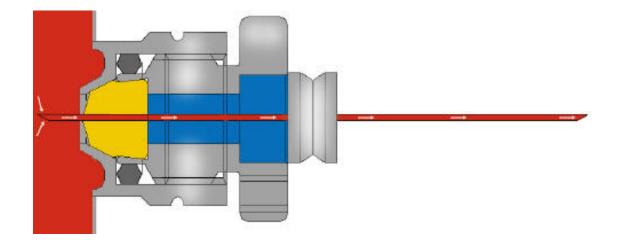
designed for the propagation of yeast cultures in a sterile environment and the transfer of the pure yeast culture under sterile conditions.





CONTACT US: Gillain & Co T: +32 3 870 60 80 E: advice@gillain.com

## **HOW IT WORKS**



CONTACT US: Gillain & Co T: +32 3 870 60 80 E: advice@gillain.com

# **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.

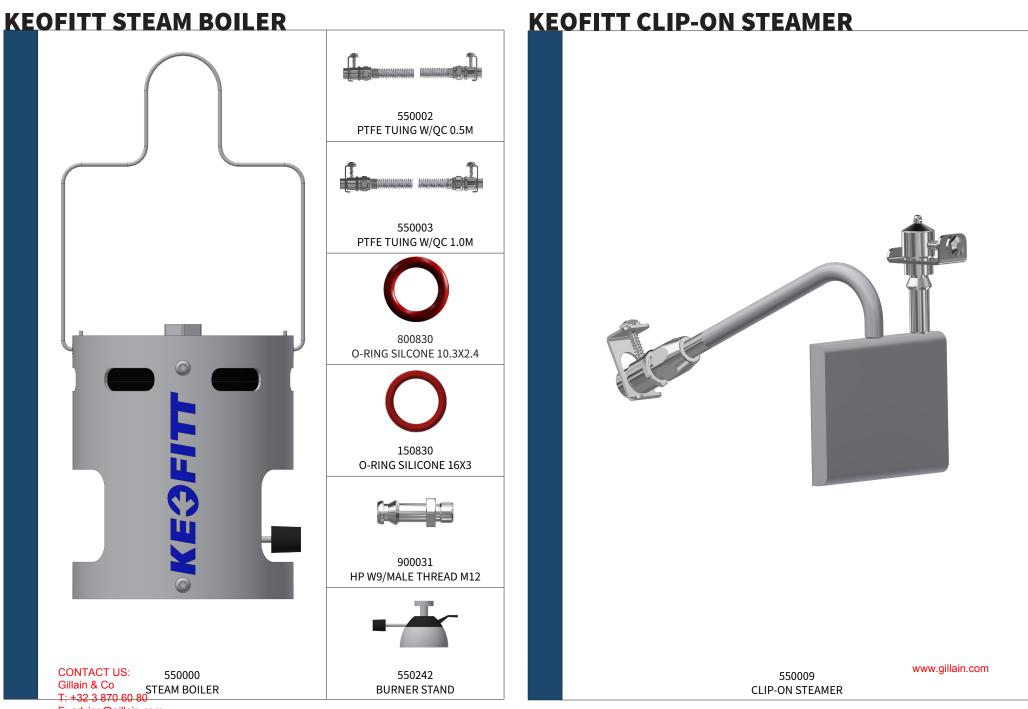


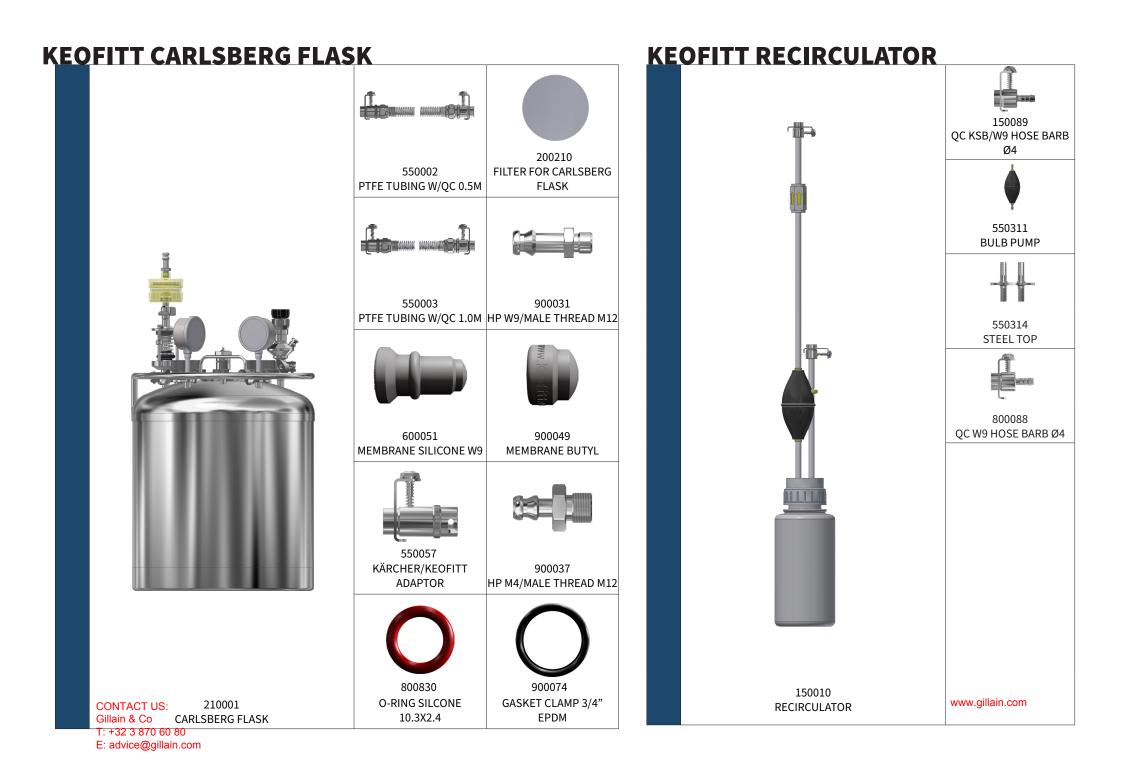


#### **KEOFITT MICRO PORT**

		MICRO PORT			MULTI MICRO PORT 49	
	TANK	PIPE WELDING 1"	PIPE WELDING NW25	TANK WELDING 7 X BUTYL MEMBRANE	VARIVENT Ø68 7 X BUTYL MEMBRANE	CLAMP 3" 7 X BUTYL MEMBRANE
	900056	900057	900014			
	VARIVENT Ø31	VARIVENT Ø50	VARIVENT Ø68			_
BUTYL (IIR) MEMBRANE						
BUT	900026	900027	900028			
	MINI CLAMP	CLAMP 1" & 1 1/2"				
MICKO						
C( Gi T·	ONTACT US: Illain & Co +32 3 870 60 80	900058		840001	840009	www.gillain 840020

KE	OF	ITT MICRO	PORT - PA	RTS & ACC	<b>ESSORIES</b>			1	
	O-RINGS	400208 EPDM 60X3	400408 EPDM 20X3	900822 EPDM 9.3X2.4	900824 EPDM 14X4	900825 EPDM 44.6X2.4			
S & ACCESSORIES.	SEPTUM	900049 BUTYL							
MICRO PORT PARTS	sc.	600065 CHAIN FOR MULTI MICRO PORT	900077 CHAIN	840055 FILM MULTI	840102 INNER PLATE FOR MICRO PORT	840118 TOOL MULTI	900054 NEEDLE	900055 WICK	
M	MISC.	DNTACT US: llain & Co +32-5 AMP BUNG 1/2"	900086 CLAMP RING 1"	900074 GASKET EPDM 3/4	900087 GASKET EPDM ½"	900091 GASKET EPDM 1"	900093 GASKET 3" CLAMP EPDM	900102 INSERT FOR MICRO PORT	www.gillain.com 900441 PLUG







www.gillain.com

Denmark DK-5700 Svendborg Kullinggade 31 KEOFITT A/S

Phone +45 6316 7080 www.keofitt.dk mool.conlgachool.com