



Ultrapharma^{bv}

SAMPLING GASKETS

PROPERTY OF
Ultrapharma bv

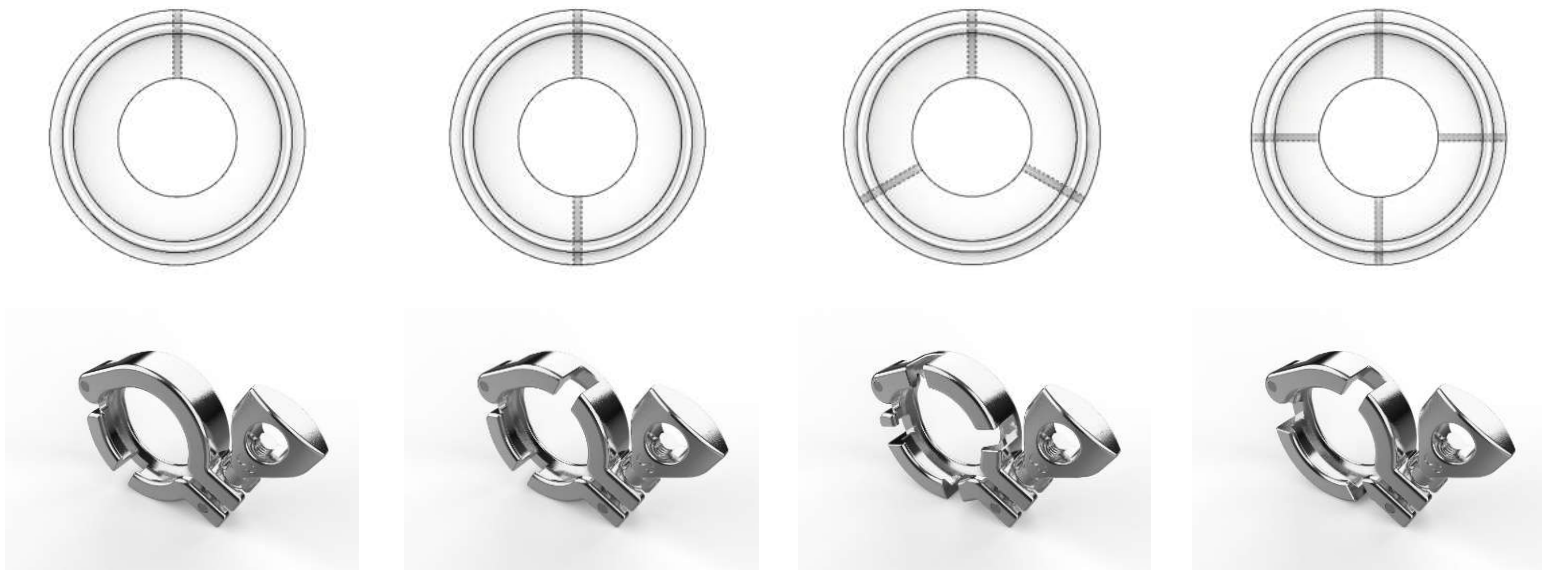
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Sampling gaskets are used for thermal mapping during validation. They can also be used to draw samples from the pipeline by means of a sampling tube.

A standard sanitary Tri-Clamp flange utilizing the Sampling Thermocouple Gasket obtains the critical thermal mapping information needed during the validation process without interference due to incorrect installation.



GASKET CONFIGURATION



Maximum recommended pressure is 4 bars (60 PSI)



Sample tube : UP-ACC-T-202
1 Way Valve : UP-ACC-T-202-B
Clamp: CL-TH-100/150-1P

Thermocouple short: UP-ACC-T-199-S
Gasket : UP-G-TH-S-050-1

The Sampling gasket is 2x the thickness of a standard Tri-Clamp gasket and can therefore hold a probe with a 2,65 mm diameter. This probe can be a thermocouple a sampling tube or a thermocouple wire.

As the gasket is twice the thickness of a standard gasket a special clamp is required. Clamps are available with the number of ports matching the gaskets. Keep in mind that a 2 port clamp can also be used for a 1 port gasket application. If however one of the ports of the gaskets is not used, you need to use a hole plug to avoid leaking.



MATERIAL

Platinum Silicone	CMD-1012 FDA CFR 177.2600 / ADIF / USP Class VI / EP 3.1.9
EPDM	CMD-1004 FDA CFR 177.2600 / ADIF / USP Class VI
FKM	CMD-1010 FDA CFR 177.2600 / ADIF / USP Class VI



ASME BPE (DIN32676 SERIES C)

	EPDM Article Number	PLATINUM SILICONE Article Number		
DN	CMD-1004	CMD-1012	Ports	Size
1/2"	UP-G-TH-050-E-1	UP-G-TH-050-S-1	1 port	22 x 10.8
1/2"	UP-G-TH-050-E-2	UP-G-TH-050-S-2	2 ports	22 x 10.8
1/2"	UP-G-TH-050-E-3	UP-G-TH-050-S-3	3 ports	22 x 10.8
1/2"	UP-G-TH-050-E-4	UP-G-TH-050-S-4	4 ports	22 x 10.8
DN	Article Number	Article Number	Ports	Size
3/4"	UP-G-TH-075-E-1	UP-G-TH-075-S-1	1 port	22 x 16.2
3/4"	UP-G-TH-075-E-2	UP-G-TH-075-S-2	2 ports	22 x 16.2
3/4"	UP-G-TH-075-E-3	UP-G-TH-075-S-3	3 ports	22 x 16.2
3/4"	UP-G-TH-075-E-4	UP-G-TH-075-S-4	4 ports	22 x 16.2
DN	Article Number	Article Number	Ports	Size
1"	UP-G-TH-100-E-1	UP-G-TH-100-S-1	1 port	50.5 x 22.5
1"	UP-G-TH-100-E-2	UP-G-TH-100-S-2	2 ports	50.5 x 22.5
1"	UP-G-TH-100-E-3	UP-G-TH-100-S-3	3 ports	50.5 x 22.5
1"	UP-G-TH-100-E-4	UP-G-TH-100-S-4	4 ports	50.5 x 22.5
DN	Article Number	Article Number	Ports	Size
1.5"	UP-G-TH-150-E-1	UP-G-TH-150-S-1	1 port	50.5 x 35.3
1.5"	UP-G-TH-150-E-2	UP-G-TH-150-S-2	2 ports	50.5 x 35.3
1.5"	UP-G-TH-150-E-3	UP-G-TH-150-S-3	3 ports	50.5 x 35.3
1.5"	UP-G-TH-150-E-4	UP-G-TH-150-S-4	4 ports	50.5 x 35.3
DN	Article Number	Article Number	Ports	Size
2"	UP-G-TH-200-E-1	UP-G-TH-200-S-1	1 port	64 x 47.8
2"	UP-G-TH-200-E-2	UP-G-TH-200-S-2	2 ports	64 x 47.8
2"	UP-G-TH-200-E-3	UP-G-TH-200-S-3	3 ports	64 x 47.8
2"	UP-G-TH-200-E-4	UP-G-TH-200-S-4	4 ports	64 x 47.8
DN	Article Number	Article Number	Ports	Size
2.5"	UP-G-TH-250-E-1	UP-G-TH-250-S-1	1 port	77.5 x 61
2.5"	UP-G-TH-250-E-2	UP-G-TH-250-S-2	2 ports	77.5 x 61
2.5"	UP-G-TH-250-E-3	UP-G-TH-250-S-3	3 ports	77.5 x 61
2.5"	UP-G-TH-250-E-4	UP-G-TH-250-S-4	4 ports	77.5 x 61
DN	Article Number	Article Number	Ports	Size
3"	UP-G-TH-300-E-1	UP-G-TH-300-S-1	1 port	91 x 73.5
3"	UP-G-TH-300-E-2	UP-G-TH-300-S-2	2 ports	91 x 73.5
3"	UP-G-TH-300-E-3	UP-G-TH-300-S-3	3 ports	91 x 73.5
3"	UP-G-TH-300-E-4	UP-G-TH-300-S-4	4 ports	91 x 73.5
DN	Article Number	Article Number	Ports	Size
4"	UP-G-TH-400-E-1	UP-G-TH-400-S-1	1 port	119 x 98.2
4"	UP-G-TH-400-E-2	UP-G-TH-400-S-2	2 ports	119 x 98.2
4"	UP-G-TH-400-E-3	UP-G-TH-400-S-3	3 ports	119 x 98.2
4"	UP-G-TH-400-E-4	UP-G-TH-400-S-4	4 ports	119 x 98.2



DIN32676 SERIES A

DN	CMD-1004	CMD-1012	Ports	Size
DN20	UP32G-TH-DN20-E-1	UP32G-TH-DN20-S-1	1 port	34 x 20.2
DN20	UP32G-TH-DN20-E-2	UP32G-TH-DN20-S-2	2 ports	34 x 20.2
DN20	UP32G-TH-DN20-E-3	UP32G-TH-DN20-S-3	3 ports	34 x 20.2
DN20	UP32G-TH-DN20-E-4	UP32G-TH-DN20-S-4	4 ports	34 x 20.2

DN	Article Number	Article Number	Ports	Size
50.5-DN20	UP32G-TH-50.5-DN20-E-1	UP32G-TH-50.5-DN20-S-1	1 port	50.5 x 20.2
50.5-DN20	UP32G-TH-50.5-DN20-E-2	UP32G-TH-50.5-DN20-S-2	2 ports	50.5 x 20.2
50.5-DN20	UP32G-TH-50.5-DN20-E-3	UP32G-TH-50.5-DN20-S-3	3 ports	50.5 x 20.2
50.5-DN20	UP32G-TH-50.5-DN20-E-4	UP32G-TH-50.5-DN20-S-4	4 ports	50.5 x 20.2

DN	Article Number	Article Number	Ports	Size
DN25	UP32G-TH-DN25-E-1	UP32G-TH-DN25-S-1	1 port	50.5 x 26.2
DN25	UP32G-TH-DN25-E-2	UP32G-TH-DN25-S-2	2 ports	50.5 x 26.2
DN25	UP32G-TH-DN25-E-3	UP32G-TH-DN25-S-3	3 ports	50.5 x 26.2
DN25	UP32G-TH-DN25-E-4	UP32G-TH-DN25-S-4	4 ports	50.5 x 26.2

DN	Article Number	Article Number	Ports	Size
DN32	UP32G-TH-DN32-E-1	UP32G-TH-DN32-S-1	1 port	50.5 x 32.2
DN32	UP32G-TH-DN32-E-2	UP32G-TH-DN32-S-2	2 ports	50.5 x 32.2
DN32	UP32G-TH-DN32-E-3	UP32G-TH-DN32-S-3	3 ports	50.5 x 32.2
DN32	UP32G-TH-DN32-E-4	UP32G-TH-DN32-S-4	4 ports	50.5 x 32.2

DN	Article Number	Article Number	Ports	Size
DN40	UP32G-TH-DN40-E-1	UP32G-TH-DN40-S-1	1 port	50.5 x 38.2
DN40	UP32G-TH-DN40-E-2	UP32G-TH-DN40-S-2	2 ports	50.5 x 38.2
DN40	UP32G-TH-DN40-E-3	UP32G-TH-DN40-S-3	3 ports	50.5 x 38.2
DN40	UP32G-TH-DN40-E-4	UP32G-TH-DN40-S-4	4 ports	50.5 x 38.2

DN	Article Number	Article Number	Ports	Size
DN50	UP32G-TH-DN50-E-1	UP32G-TH-DN50-S-1	1 port	64 x 50.2
DN50	UP32G-TH-DN50-E-2	UP32G-TH-DN50-S-2	2 ports	64 x 50.2
DN50	UP32G-TH-DN50-E-3	UP32G-TH-DN50-S-3	3 ports	64 x 50.2
DN50	UP32G-TH-DN50-E-4	UP32G-TH-DN50-S-4	4 ports	64 x 50.2

DN	Article Number	Article Number	Ports	Size
DN65	UP32G-TH-DN65-E-1	UP32G-TH-DN65-S-1	1 port	91 x 66.2
DN65	UP32G-TH-DN65-E-2	UP32G-TH-DN65-S-2	2 ports	91 x 66.2
DN65	UP32G-TH-DN65-E-3	UP32G-TH-DN65-S-3	3 ports	91 x 66.2
DN65	UP32G-TH-DN65-E-4	UP32G-TH-DN65-S-4	4 ports	91 x 66.2

DN	Article Number	Article Number	Ports	Size
DN100	UP32G-TH-DN100-E-1	UP32G-TH-DN100-S-1	1 port	119 x 100.2
DN100	UP32G-TH-DN100-E-2	UP32G-TH-DN100-S-2	2 ports	119 x 100.2
DN100	UP32G-TH-DN100-E-3	UP32G-TH-DN100-S-3	3 ports	119 x 100.2
DN100	UP32G-TH-DN100-E-4	UP32G-TH-DN100-S-4	4 ports	119 x 100.2



DIN32676 SERIES B (ISO)

DN	CMD-1004	CMD-1012	Ports	Size
DN15	UP11G-TH-DN15-E-1	UP11G-TH-DN15-S-1	1 Port	34 x 18.2
DN15	UP11G-TH-DN15-E-2	UP11G-TH-DN15-S-2	2 Ports	34 x 18.2
DN15	UP11G-TH-DN15-E-3	UP11G-TH-DN15-S-3	3 Ports	34 x 18.2
DN15	UP11G-TH-DN15-E-4	UP11G-TH-DN15-S-4	4 Ports	34 x 18.2

DN	Article Number	Article Number	Ports	Size
50.5-DN15	UP11G-TH-50.5-DN15-E-1	UP11G-TH-50.5-DN15-S-1	1 Port	50.5 x 18.4
50.5-DN15	UP11G-TH-50.5-DN15-E-2	UP11G-TH-50.5-DN15-S-2	2 Ports	50.5 x 18.4
50.5-DN15	UP11G-TH-50.5-DN15-E-3	UP11G-TH-50.5-DN15-S-3	3 Ports	50.5 x 18.4
50.5-DN15	UP11G-TH-50.5-DN15-E-4	UP11G-TH-50.5-DN15-S-4	4 Ports	50.5 x 18.4

DN	Article Number	Article Number	Ports	Size
DN20	UP11G-TH-DN20-E-1	UP11G-TH-DN20-S-1	1 Port	50.5 x 23.9
DN20	UP11G-TH-DN20-E-2	UP11G-TH-DN20-S-2	2 Ports	50.5 x 23.9
DN20	UP11G-TH-DN20-E-3	UP11G-TH-DN20-S-3	3 Ports	50.5 x 23.9
DN20	UP11G-TH-DN20-E-4	UP11G-TH-DN20-S-4	4 Ports	50.5 x 23.9

DN	Article Number	Article Number	Ports	Size
DN25	UP11G-TH-DN25-E-1	UP11G-TH-DN25-S-1	1 Port	50.5 x 29.9
DN25	UP11G-TH-DN25-E-2	UP11G-TH-DN25-S-2	2 Ports	50.5 x 29.9
DN25	UP11G-TH-DN25-E-3	UP11G-TH-DN25-S-3	3 Ports	50.5 x 29.9
DN25	UP11G-TH-DN25-E-4	UP11G-TH-DN25-S-4	4 Ports	50.5 x 29.9

DN	Article Number	Article Number	Ports	Size
DN32	UP11G-TH-DN32-E-1	UP11G-TH-DN32-S-1	1 Port	64 x 38.6
DN32	UP11G-TH-DN32-E-2	UP11G-TH-DN32-S-2	2 Ports	64 x 38.6
DN32	UP11G-TH-DN32-E-3	UP11G-TH-DN32-S-3	3 Ports	64 x 38.6
DN32	UP11G-TH-DN32-E-4	UP11G-TH-DN32-S-4	4 Ports	64 x 38.6

DN	Article Number	Article Number	Ports	Size
DN40	UP11G-TH-DN40-E-1	UP11G-TH-DN40-S-1	1 Port	64 x 44.5
DN40	UP11G-TH-DN40-E-2	UP11G-TH-DN40-S-2	2 Ports	64 x 44.5
DN40	UP11G-TH-DN40-E-3	UP11G-TH-DN40-S-3	3 Ports	64 x 44.5
DN40	UP11G-TH-DN40-E-4	UP11G-TH-DN40-S-4	4 Ports	64 x 44.5

DN	Article Number	Article Number	Ports	Size
DN50	UP11G-TH-DN50-E-1	UP11G-TH-DN50-S-1	1 Port	77.5 x 56.5
DN50	UP11G-TH-DN50-E-2	UP11G-TH-DN50-S-2	2 Ports	77.5 x 56.5
DN50	UP11G-TH-DN50-E-3	UP11G-TH-DN50-S-3	3 Ports	77.5 x 56.5
DN50	UP11G-TH-DN50-E-4	UP11G-TH-DN50-S-4	4 Ports	77.5 x 56.5

DN	DN Size	DN Size	Ports	Size
DN65	UP11G-TH-DN65-E-1	UP11G-TH-DN65-S-1	1 Port	91 x 72.3
DN65	UP11G-TH-DN65-E-2	UP11G-TH-DN65-S-2	2 Ports	91 x 72.3
DN65	UP11G-TH-DN65-E-3	UP11G-TH-DN65-S-3	3 Ports	91 x 72.3
DN65	UP11G-TH-DN65-E-4	UP11G-TH-DN65-S-4	4 Ports	91 x 72.3



CLAMPS FOR ALL STANDARDS

DN	Article Number	Ports	Size
1/2" - 3/4"	CL-TH-050/075-1P	1 Port	25 mm
1/2" - 3/4"	CL-TH-050/075-2P	2 Ports	25 mm
1/2" - 3/4"	CL-TH-050/075-3P	3 Ports	25 mm
1/2" - 3/4"	CL-TH-050/075-4P	4 Ports	25 mm

DN	Article Number	Ports	Size
DN15	CL-TH-034-2P	2 Ports	34 mm
DN15	CL-TH-034-3P	3 Ports	34 mm
DN15	CL-TH-034-4P	4 Ports	34 mm

DN	Article Number	Ports	Size
1" - 1.5"	CL-TH-100/150-1P	1 Port	50.5 mm
1" - 1.5"	CL-TH-100/150-2P	2 Ports	50.5 mm
1" - 1.5"	CL-TH-100/150-3P	3 Ports	50.5 mm
1" - 1.5"	CL-TH-100/150-4P	4 Ports	50.5 mm

DN	Article Number	Ports	Size
2"	CL-TH-200-1P	1 Port	64 mm
2"	CL-TH-200-2P	2 Ports	64 mm
2"	CL-TH-200-3P	3 Ports	64 mm
2"	CL-TH-200-4P	4 Ports	64 mm

DN	Article Number	Ports	Size
2.5"	CL-TH-250-1P	1 Port	77.5 mm
2.5"	CL-TH-250-2P	2 Ports	77.5 mm
2.5"	CL-TH-250-3P	3 Ports	77.5 mm
2.5"	CL-TH-250-4P	4 Ports	77.5 mm

DN	Article Number	Ports	Size
3"	CL-TH-300-2P	2 Ports	91 mm
3"	CL-TH-300-3P	3 Ports	91 mm
3"	CL-TH-300-4P	4 Ports	91 mm

DN	Article Number	Ports	Size
4"	CL-TH-400-2P	2 Ports	119 mm
4"	CL-TH-400-3P	3 Ports	119 mm
4"	CL-TH-400-4P	4 Ports	119 mm

Material: 304SS

For some non-popular (34mm, 3" & 4") sizes we do not offer a one-port clamp, a two-port can be utilized for a same purpose.



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SANITARY GASKETS

SCREENS

ORIFICE PLATES

SAMPLING GASKETS

STEAM-FLON

TRI-BOND

STEAM-FLON REMOVABLE (EN)

STEAM-FLON REMOVABLE (D)

STEAM-FLON REMOVABLE (ES)

STEAM-FLON REMOVABLE (IT)

STEAM-FLON REMOVABLE (F)

PHARMA-CLAMP

PINCH-VALVE

DIN11864 SEALS

TORQUE-KNOB

EASY-CLAMP

ELASTO-CLAMP

STAINLESS CLAMPS

SNAP-ON

PLATINUM SILICONE

CUSTOM MADE PARTS

SPORFIX

GAUGE GUARD ISOLATOR

SLIT GASKETS

ANTI VIBRATION WING NUT