

For information only

A

B

C

D

E

F

Luer-Lock female
ISO 80369-7

17
Luer-Lock female
ISO 80369-7

11

36 ± 0.5

Luer-Lock male
ISO 80369-7

Ø12 ± 0.05

(1:1)



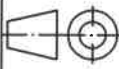
5	pc.	Solvent	Tetrahydrofurane
4	1 pc.	Valve membrane V2000 IV, 60 Shore A	Silicone, transparent
3	1 pc.	Lock-nut for lower part V2000N with Luer-Lock latching contour	PC, transparent
2	1 pc.	Lower part V2000N with Luer-cone and Lock-nut seating	PC, transparent
1	1 pc.	Upper part V2000N V with T-part 2x Luer-Lock female	PC, transparent
Pos.	Qty.	Description	Material, Color

Tolerances according to:

Paper size:

A4

ISO 128



Scale: 4:1

Check Valve V2000N IV

T-part with 2x Luer-Lock female
and Check Valve V2000 IV with rotatable Luer-Lock male
PC, transparent
opening pressure ≤ 6 mbar



Art.-No.:
06.430

Spec.-No.:
55.22

				Date:	Name:
				Prepared: 14.09.2020	Engler
				Approved: 14.09.20	[Signature]
Rev.	Change	Date	Name	EDV No.: 06.430-2020-09-14.idw	

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	<h1>Technical Specification</h1>	FB4-01.04a Rev.03
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No.:	Article category
55.22	Check Valve V2000 IV
Revision:	04

Technical Property ¹⁾	Parameter ²⁾
*Opening pressure (after fabrication):	n/a
*Opening pressure (when first used):	≤ 6 mbar
*Opening pressure (after closure of the check valve):	≤ 12 mbar
*Counterflow pressure resistance:	5 bar for 15 minutes
*Pressure resistance in flow direction:	6 bar
*Blocking performance (leakage rate):	≤ 0.1 ml/h at a retrograde flow rate of 0.5 ml/h
*Volumetric flow rate with 0.9% saline solution:	≥ 150 ml/min
*Volumetric flow rate with glucose 40:	≥ 110 ml/min
Position sensitivity:	independent of position
Stand-by position:	closed
Priming volume:	on request (depends on the configuration of the connectors)
Priming:	airbubbles completely removable
Sterilization compatibility ³⁾ :	ETO-Gas, Electron Beam Irradiation and Gamma Irradiation up to 50 kGy (cumulative)

* acc. to ISO 8536-12

Remarks:

LOGICA does not regularly provide biocompatibility testing data of its products. The distributor is solely responsible for procuring any required biocompatibility testing data.

- 1) LOGICA products are approved for single use. Multiple use may affect their technical properties adversely! LOGICA recommends validating the suitability for use of the selected parts in their specific application.
- 2) Specifications are for non-sterile products.
- 3) Sterilization of LOGICA products with sterilization methods which are not stated in this specification may affect their technical properties adversely!

	Prepared	Approved
Date:	20/03/2019	<i>20.03.2019</i>
Signature:	<i>Engler</i>	<i>[Signature]</i>

Article Description

Check Valve V200ON IV

T-part with 2x Luer-Lock female and Check Valve V2000 IV with rotatable Luer-Lock male

Revision:	00	Article-No.:	06.430	Techn. Spec.-No.:	55.22
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Art.-No. of Component	Component Description	Raw Material (Manufacturer)
01.028	Solvent	Tetrahydrofurane
04.361	Check Valve V200ON IV Upper part with T-part 2x Luer-Lock female	PC, Makrolon Rx-1805-451118 (covestro)
04.359	Check Valve V200ON Lower part with Luer-cone and Lock-nut seating	PC, Makrolon Rx-1805-451118 (covestro)
04.360	Lock-nut for lower part V200ON with Luer-Lock latching contour	PC, Makrolon Rx-1805-451118 (covestro)
07.014	Valve membrane V2000 IV 60 Shore A	Silicone, transparent Elastosil LR 3003/60 SIGMA 1 A+B (Wacker-Chemie)

	Prepared	Approved
Date:	14/09/2020	14/09/2020
Signature:	