

5	pc.	Solvent	Tetrahydrofurane	
4	1 pc.	Valve membrane V2000 V, 70 Shore A	Silicone, transparent	
3	1 pc.	Lock-nut for lower part V2000ON with Luer-Lock latching contour	PC, transparent	
2	1 pc.	Lower part V2000ON with Luer-cone and Lock-nut seating	PC, transparent	
1	1 pc.	Upper part V2000ON V with T-part 2x Luer-Lock female	PC, transparent	
<b>E</b>	<b>Pos.</b>	<b>Qty.</b>	<b>Description</b>	<b>Material, Color</b>

Tolerances according to:		Paper size: A4	ISO 128	Scale: 4:1
				<b>Check Valve V2000ON V</b>
		Date: 01.09.2020	Name: Engler	T-part with 2x Luer-Lock female
		Approved: 01.09.20		and Check Valve V2000 V with rotatable Luer-Lock male
				21 bar pressure resistant
				opening pressure 200 ± 50 mbar
				Art.-No.: 06.429
				Spec.-No.: 55.23

For information only!

	<h1>Technical Specification</h1>	<b>FB4-01.04a</b> Rev.03
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<b>No.:</b>	<b>Article category</b>
<b>55.23</b>	<b>Check Valve V2000 V</b>
<b>Revision:</b>	02

Technical Property <sup>1)</sup>	Parameter <sup>2)</sup>
*Opening pressure (after fabrication):	n/a
*Opening pressure (when first used):	200 ± 50 mbar
*Opening pressure (after closure of the check valve):	200 ± 50 mbar
*Counterflow pressure resistance:	21 bar
*Pressure resistance in flow direction:	21 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:	≥ 170 ml/min at a pressure of 500 mbar
*Volumetric flow rate with glucose 40:	≥ 150 ml/min at a pressure of 500 mbar
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 <sup>3)</sup> :	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!

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

	<h2>List of Materials</h2>	<b>FB4-01.03</b> Rev.03
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### Article Description

**Check Valve V2000N V, 200 ± 50 mbar**  
**T-part with 2x Luer-Lock female and Check Valve V2000 V with rotatable Luer-Lock male**

<b>Revison:</b>	00	<b>Article-No.:</b>	06.429	<b>Techn. Spec.-No.:</b>	55.23
<b>Art.-No. of Component</b>	<b>Component Description</b>			<b>Raw Material (Manufacturer)</b>	
01.028	Solvent			Tetrahydrofurane	
04.358	Check Valve V2000N V Upper part with T-part 2x Luer-Lock female			PC, Makrolon Rx-1805-451118 (covestro)	
04.359	Check Valve V2000N Lower part with Luer-cone and Lock-nut seating			PC, Makrolon Rx-1805-451118 (covestro)	
04.360	Lock-nut for lower part V2000N with Luer-Lock latching contour			PC, Makrolon Rx-1805-451118 (covestro)	
07.015	Valve membrane V2000 V 70 Shore A			Silicone, transparent Elastosil LR 3003/70 SIGMA 1 A+B (Wacker-Chemie)	

	<b>Prepared</b>	<b>Approved</b>
Date:	01/09/2020	01.09.2020
Signature:	