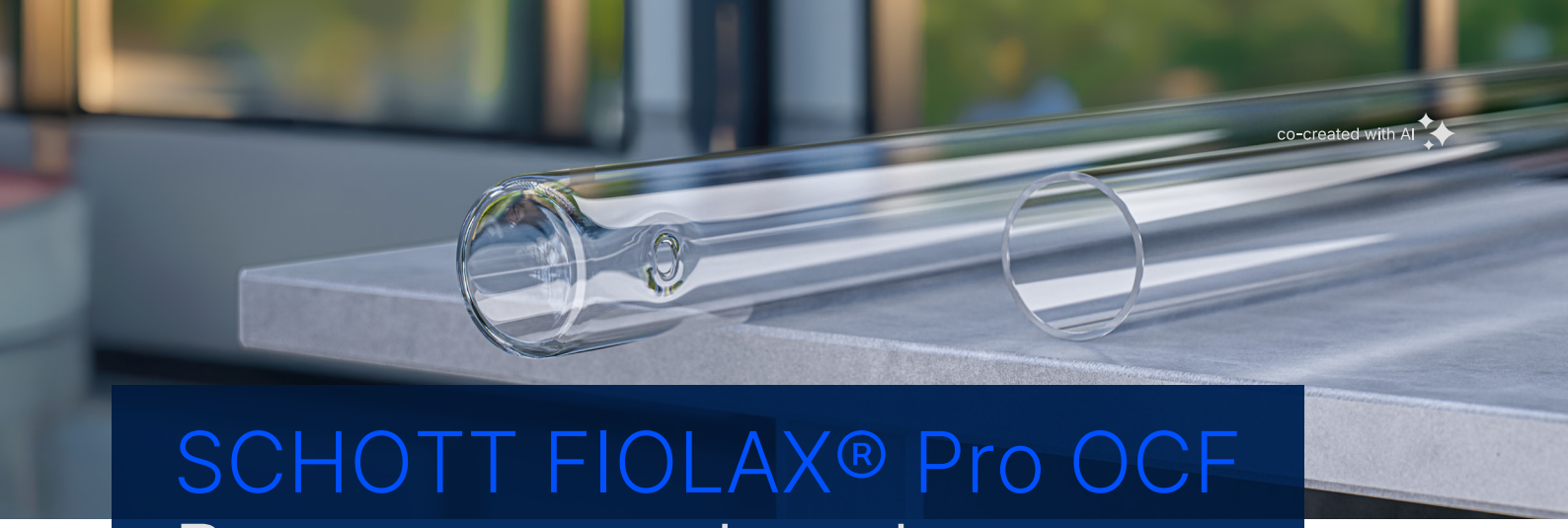


SCHOTT FIOLAX® Pro OCF
Be one step ahead.

Transparent emission data for next-generation pharma glass

We support the emission saving goals of our customers with the optional FIOLAX® Pro OCF product line, which will be available first quarter of 2027 with an approx. 50 % lower product carbon footprint*. This is enabled by an electric melting tank, powered by 100 % of electricity in the melting process covered by renewable energy Guarantees of Origin; natural gas is only used in the separate refining unit and working tank part for technical reasons. Detailed information on our website here.

In order to ensure a high degree of reliability and transparency, both the value and the PCF guideline for its calculation are certified by the external, accredited institute GUTcert.

FIOLAX® Pro and its product line FIOLAX® Pro OCF are free of heavy metals, boast outstanding hydrolytic resistance and have an improved extractables profile. It is customizable with adjustable specifications for tighter tolerances and lower defect rates (further details see next page).



*Calculation of greenhouse gas emissions from cradle-to-gate per kilogram of saleable glass tubing compared to the market average for borosilicate glass tubing [average value according to ecoinvent 3.10; glass tube production, borosilicate // DE. The value currently calculated is based on empirical values and simulation data].
Relevant information about the FIOLAX® Pro OCF product line and the electrical tank can be found in the implementation plan.

Discover the emission breakdown for FIOLAX® Pro OCF



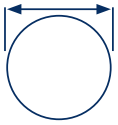
FIOLAX® Pro OCF: Facts at a glance

Our future-proof pharmaceutical glass tubing with approx. 50 % of decarbonization*.

Application portfolio



For all pharmaceutical applications:
syringes, cartridges, vials, ampoules



Outside diameter range: 6.85 – 40.00 mm,
incl. ISO as well as customized sizes

Features

Production technology	Electric melting tank, powered by 100 % of electricity in the melting process covered by renewable energy Guarantees of Origin; natural gas is only used in the separate refining unit and working tank part for technical reasons.					
Regulatory classification (e.g. USP[1]/Ph.Eur.[2])	Type I (borosilicate glass)					
Composition primary components (approx. in % by weight)	SiO_2	B_2O_3	Al_2O_3	Na_2O	K_2O	CaO
	73	11	7	7	< 1	< 1
Free of heavy metals, in particular	As Sb Sn					
Extractables profile	Superior ▪ does not contain any element of the ICH-Q3D class 1, 2A, 2B, 3 ▪ persistently high hydrolytic resistance					
Color	clear					
perfeXion® processed	✓					

Customizing options

- Tube-end finish
- Anti-scratch coating
- Tighter tolerances
- Zero defect options

[1]USP = United States Pharmacopoeia | [2]Ph. Eur. = European Pharmacopoeia

All specifications are subject to change without prior notice. This datasheet or any extracts thereof may only be used in other publications with express permission of SCHOTT.

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Get in contact now for validation support and ordering guidance for sampling

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