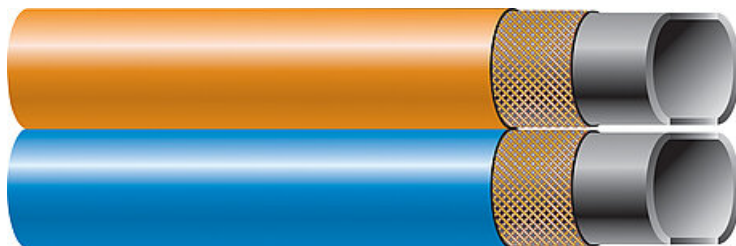


TWIN-OX-PB

Welding/Gas - 20 bar - orange/blue - ISO 3821 [EN 559]



SPECIFICATIONS

Application Blue hose – a flexible hose for transporting oxygen with air [oxygen content > 20%], for welding and cutting, for arc welding using shielding gas and related processes.
Orange hose – a flexible hose for transporting liquid gas (LPG) for welding and cutting. Also suitable for CNG and methylacetylene and propandiene mixes [MPS].

Standard/Approval ISO 3821:2019 [formerly EN 559:2003].

Temperature range -30°C / +70°C.

Safety factor 3 : 1

Tube Oxygen: EPDM, black, smooth.
PB: SBR/NBR, black, smooth.

Reinforcement Textile spiral.

Cover Oxygen: EPDM, blue, smooth.
PB: EPDM orange, smooth.

Marking continuous inkjet on blue hose, white letters: "SEMPERIT [S] TWIN OX-PB ISO 3821 [EN 559] PN 2 MPa [20 bar] ID x OD / ID x OD -30°C YYYY MADE IN EU // // //".

TECHNICAL DETAILS

Article number	Internal-Ø		Wall width		External-Ø mm	Work. pressure [max.] bar	Number of inserts	Bending radius [min.] mm	Weight approx. kg/m	Coil length [max.] m
	Oxygen [mm]	PB [mm]	Oxygen [mm]	PB [mm]						
68344 0606	6.3	6.3	3.5	3.5	13.3	20	2	40	0.30	40
68344 0609	6.3	9.0	4.9	3.5	16.0	20	2	45	0.43	40
68344 0808	8.0	8.0	3.5	3.5	15.0	20	2	40	0.35	40

Please note: Before using our products with new or untested media, or for applications that are not clearly indicated in the product information, written advice must be obtained from a specialist dealer or a Semperit application engineer. For safety reasons, all products must be inspected regularly for operational safety and replaced in the event of any damage (especially of the cover) or unusual signs of wear and tear. All products must be stored, handled, and maintained in accordance with all our respective instructions and DIN 7716:1982. The information in our catalogue as well as each individual datasheet is subject to change at any time without notice since we are constantly developing and improving our products and due to constant technical developments after the latest release date of the catalogue and/or individual datasheets. To always have the latest product and safety information make sure you visit our website (<https://hoses.semperitgroup.com/>) regularly or contact one of our specialist dealers or a Semperit application engineer. All contracts with Semperflex are exclusively subject to our general terms and conditions [available at www.semperitgroup.com]. Additional important general information about the range, choice and safe use of our products can be found at our website (<https://hoses.semperitgroup.com/>) and must be followed without exception.

Important notice: Our catalogue and any individual datasheet have been prepared with great care in order to provide you with all the information you need. The information contained therein is based on the latest state-of-the-art industrial technology and many years of experience and testing; whenever indicated for a certain product, we also confirm conformity with the resistance requirements of the media listed in ISO TR 7620:2005[E]. However, the individual conditions of storage, maintenance and use decisively affect the safe and durable use of each product. The quality and safety of our products as indicated in the catalogue or individual datasheets are therefore strictly subject to the continuous observance of all specifications and restrictions in our written product information and applicable laws and standards, the specifications regarding resistance to chemicals and our cleaning procedures. We reject any liability for safety issues or other consequences due to improper product choice, maintenance, or handling [e.g. squashing, rupturing, stretching, or filling with non-approved media]. Our products must not be used in airplanes or other aerial vehicles under any circumstance. Unless specified otherwise, all hoses are manufactured according to EN ISO 1307:2008. Our products are not designated for the sale to the general public and do not fulfill the conditions for "GS-certification", unless stated otherwise in the product datasheet.