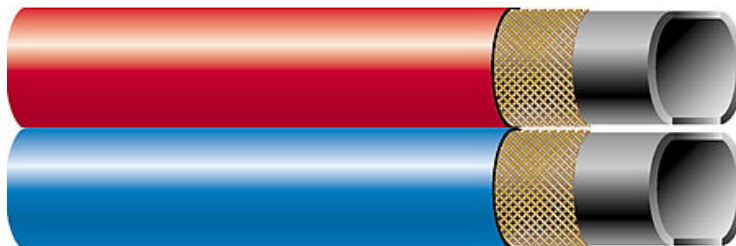


TWIN

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



SPECIFICATIONS

Application

Blue hose – a flexible hose for transporting oxygen for welding and cutting, for arc welding using shielding gas and related processes.

Red hose – a flexible hose for transporting acetylene for welding and cutting, for arc welding using shielding gas and related processes. Also suitable for coal gas, carbon dioxide, argon, nitrogen for welding and cutting (not suitable for LPG, MPS and CNG).

Standard/Approval ISO 3821:2019 (formerly EN 559:2003).

Temperature range -30°C / +70°C.

Safety factor 3 : 1

Tube EPDM, black, smooth.

Reinforcement Textile spiral.

Cover EPDM, blue and red, smooth.

Marking continuous inkjet on blue hose, white letters: "SEMPERIT [S] TWIN 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	Work. pressure [max.]	Number of inserts	Bending radius (min.)	Weight approx.	Coil length [max.]
	Oxygen [mm]	Acetylene [mm]	Oxygen [mm]	Acetylene [mm]	mm	bar		mm	kg/m	m
68140 0404	4.0	4.0	3.5	3.5	11.0	20	2	40	0.23	40
68140 0505	5.0	5.0	3.0	3.0	11.0	20	2	40	0.27	40
68140 0606	6.3	6.3	3.0	3.0	12.3	20	2	40	0.31	40
68140 0608	6.3	8.0	4.0	3.0	14.0	20	2	40	0.37	40
68140 0609	6.3	9.0	4.5	3.0	15.0	20	2	45	0.45	40
68140 0808	8.0	8.0	3.0	3.0	14.0	20	2	40	0.37	40
68140 0909	9.0	9.0	3.0	3.0	15.0	20	2	45	0.40	40
68140 1010	10.0	10.0	3.0	3.0	16.0	20	2	50	0.43	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 (hoses.semperitgroup.com) regularly or contact one of our specialist dealers or a Semperit application engineer. All contracts concluded with us are exclusively subject to our general terms and conditions (available at semperitgroup.com). Additional important general information about the range, choice and safe use of our products can be

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