



TWIN

Twin Welding Hose

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 hydrogen, coal gas and carbon dioxide, argon, nitrogen for welding and cutting (not suitable for LPG, MPS and CNG).

Standard/approval:

ISO 3821:2008 (formerly EN 559:2003).

Temperature range:

-30°C / +70°C.

Safety factor:

3 : 1

Tube:

EPDM, black, smooth.

Reinforcement:

Textile spiral construction.

Cover:

EPDM, blue and red, smooth.

Marking:

Continuous inkjet marking on blue hose, white:

„SEMPERIT (S) TWIN ISO 3821 (EN559) PN 2 MPa (20 bar) DN -30°C YYYY MADE IN EU //”.



Article number	Internal-Ø in mm		Wall width in mm		External-Ø in mm	Work. pressure (max.) bar	Number of inserts	Bending radius (min.) in mm	Weight approx. kg/m	Coil length (max.) m
	Oxygen	Acet ylene	Oxygen	Acet ylene						
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

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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.