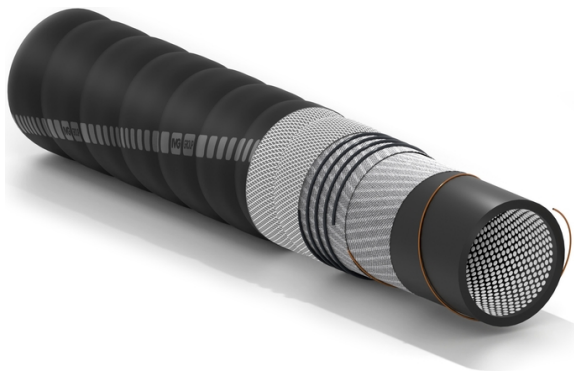


Volga Fra Ceramic

Highly abrasive powders, with cover suitable to assemble Volga Fra couplings - PATENTED -



Application:

pneumatic delivery of highly abrasive materials such as dry cement, coal, ceramic or mineral powders, recycled glass. Used in the metallurgical, mining, ceramic and glass industries, in the dredging sector, in cement factories, in the production of insulating materials. Higher abrasion resistance than a standard anti-abrasive rubber hose. **Patented IT 102023000002472, EP 4417858.**

Incredible abrasion resistance
Complete system with quick assembly fittings
Longer lifespan

Tube:

made of sintered alumina ceramic discs embedded in anti-abrasive black rubber, resistant to the transfer of highly abrasive materials.

Reinforcement:

high strength synthetic cord, steel helix wire, and antistatic copper wires.

Cover:

black, corrugated (wrapped finish), EPDM rubber, weathering and ozone resistant.

Temperature:

from -30°C (-22°F) to +70°C (+158°F).

Branding:

continuous white / red stripe "IVG Abr (family logo)..."



Volga Fra Ceramic



Code	Inside diameter		Outside diameter		Working pressure		Burst pressure		Weight nominal		Bending radius		Vacuum	Length max	
	mm	inch	mm	inch	bar	psi	bar	psi	kg/m	lbs/ft	mm	inch		bar	m
1498886	51	2	83	3,27	10	150	30	450	4,75	3,14	255	10,0	0,9	60	200
1500139	65	2-9/16	96	3,78	10	150	30	450	5,68	3,82	325	12,8	0,9	60	200
1498932	80	3-5/32	112	4,41	10	150	30	450	7,31	4,91	400	15,7	0,9	60	200
1497391	100	4	132	5,20	10	150	30	450	8,65	6,33	500	19,7	0,9	60	200
1499157	125	4-59/64	157	6,18	10	150	30	450	10,66	7,16	625	24,6	0,9	60	200
1498614	150	5-29/32	182	7,17	10	150	30	450	14,05	9,44	750	29,5	0,9	60	200
1498509	200	7-7/8	233	9,17	10	150	30	450	18,05	12,13	1750	68,9	0,9	60	200
1498517	250	9-27/32	287	11,30	10	150	30	450	23,84	16,02	2190	86,2	0,9	12	40
2300497	300	11-13/16	340,5	13,41	10	150	30	450	31,48	21,15	2500	98,4	0,9	12	40

Variants available on request:

1. Softwall and hardwall smooth cover structures.

Recommended Couplings:



Volga fra couplings

SPECIAL DETAILS

WARNINGS AND PRECAUTIONS

Rubber hoses have a service life proportional to their usage.

The equipment and systems where the hose is installed must be designed to ensure safe operation. Given the wide range of possible applications, IVG Colbachini does not guarantee suitability for all specific uses. The selection of the most appropriate product for the intended application, ensuring the required performance and safety standards, is the sole responsibility of the user.

IVG Colbachini shall therefore not be held liable for any use other than those indicated in its catalogues, product data sheets, quotations, order confirmations, or any accompanying recommendations.

Improper product selection and/or use, or failure to comply with installation, operation, maintenance, and storage procedures, may result in hose failure and cause damage to property or personal injury.

IVG Colbachini manufactures and markets both assembled hoses and hoses supplied without fittings.

Assembled Hoses

Before being placed on the market, the hose assembly is subjected by IVG to manufacturing control tests carried out by qualified personnel.

IVG declines all responsibility for any subsequent modifications, disassembly, or reinstallation of fittings performed by the user, as well as for uses that differ from those indicated in the product data sheet or in the absence of maintenance programs and periodic inspections.

Hoses and Fittings as spare parts

The user is responsible for assembling the hose and fittings, ensuring proper hose/fitting compatibility and compliance with the technical specifications for use. It is recommended that the hose assembly be subjected to a pressure tightness test carried out by qualified personnel.

IVG declines all responsibility in this regard.

Precautions

For proper selection and correct use of IVG products, reference should also be made to the recommendations issued by Assogomma, available at www.ivgspa.it, in accordance with ISO 8331 regarding installation, maintenance, methods and duration of use, as well as fitting stability and tightness.

For safety reasons, the working pressure indicated in the product technical data sheet must never be exceeded.

In general, continuous operation at maximum allowable pressure and/or temperature may significantly reduce the hose service life. Regular inspections and hydrostatic testing at the specified test pressure must therefore be carried out. Hydrostatic tests must be performed by adequately trained personnel using suitable equipment and in accordance with recognized testing standards.

For specific applications of rubber hoses, reference should be made to applicable legal requirements or compliance standards. Additional recommendations are available for particularly critical applications. For further information, please contact info@ivgspa.it.