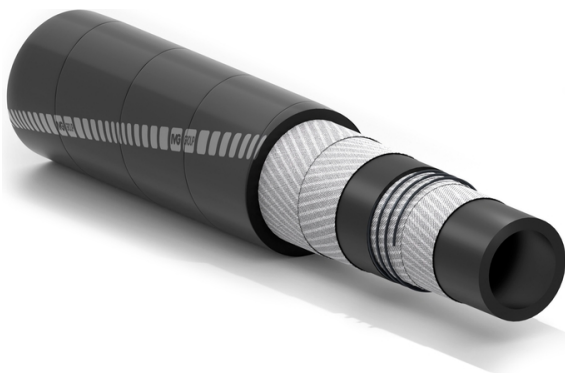


Britannia

NEW

Material handling slurry hose



Application:

robust hardwall hose used for abrasive slurries in various processes of the mining industries. Suitable also to work in coal refining plants, in steel and cement industries and in other applications. Aluminium split flanged shells are designed to fit on the hose cover. This interchangeable feature allows quick adaptation to different system configurations, continuous flow and easy maintenance. Contact IVG for compatibility between hose and fittings used.

Very high resistance
Flexible, easy to handle
Excellent bending radius

Tube:

black, smooth NR rubber which withstands the passage of abrasive materials.

Reinforcement:

high strength synthetic cord and steel helix wire.

Cover:

black, smooth (wrapped finish) SBR/NR rubber, resistant to abrasion and environmental conditions.

Temperature:

from -30°C (-22°F) to +70°C (+158°F).

Branding:

continuous red stripe "IVG Abr (Family logo)...".



Britannia

NEW



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
2100349	102	4	125	4,93	10	150	30	450	5,37	3,61	600	23,6	0,9	60	200
2100350	127	5	154	6,07	10	150	30	450	7,54	5,07	750	29,6	0,9	60	200
2100348	152	6	178	7,01	10	150	30	450	10,26	6,90	900	35,5	0,9	60	200
1900567	203	8	235,5	9,28	10	150	30	450	15,93	10,71	1300	51,2	0,9	60	200
1497871	254	10	288,5	11,36	5	75	15	225	23,66	15,90	1600	63,0	0,5	60	200
2100283	305	12	339	13,36	5	75	15	225	29,54	19,84	1800	70,9	0,5	12	40
2100081	355	14	401	15,80	5	75	15	225	44,86	30,15	2200	86,7	0,5	12	40
2100351	408	16	456	17,97	5	75	15	225	52,34	35,17	2500	98,5	0,5	12	40

Recommended Couplings:



Flanges

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.