



ALFAGOMMA

CONCRETE



// HOSE

Alfagomma concrete pumping hose range guarantees outstanding performance and maximum safety in heavy duty applications, such as placement, tunnelling and piling. All hoses are specially designed to satisfy the most demanding conditions on construction sites:

- ▲ Excellent tube and cover abrasion resistance
- ▲ 170 bar (2500 psi), 200 bar (3000 psi), and 250 bar (3750 psi) minimum burst pressure options
- ▲ Lightweight construction
- ▲ Good flexibility
- ▲ High structural stability which avoids kinking, elongation and vibration while in operation
- ▲ Great vacuum resistance during cleaning
- ▲ Electrical conductivity along tube and cover
- ▲ Brand pictograms to highlight application hazards and safety warnings



// 74SAA



Concrete pumping 85 bar (1275 psi) - Heavy duty - Textile reinforced

Tube: black conductive NR - abrasion resistant.

Reinforcement: high tensile textile cords.

Cover: black conductive SBR/NR - abrasion and ozone resistant.

Application: high pressure concrete pumping. Special lightweight construction.

Temperature: -30 °C +80 °C (-22 °F +176 °F)

ID (mm)	ID (in)	OD (mm)	OD (in)	WP (bar)	WP (psi)	BP (bar)	BP (psi)	BR (mm)	BR (in)	Weight (kg/m)	Weight (lb/ft)
51,0	2"	71,0	2,80	85	1275	170	2500	255	10,04	2,170	1,46
63,0	2 1/2"	83,0	3,27	85	1275	170	2500	315	12,40	2,640	1,78
65,0	2 9/16"	85,0	3,35	85	1275	170	2500	325	12,80	2,700	1,82
76,0	3"	101,0	3,98	85	1275	170	2500	380	14,96	3,700	2,49
102,0	4"	128,0	5,04	85	1275	170	2500	510	20,08	4,940	3,32

ALFAGOMMA ITALY **74S** 85 bar (1275 psi) W.P. TEXTILE CONCRETE PUMPING Ω     

// 740AA



Concrete pumping 100 bar (1500 psi) - Heavy duty - Steel reinforced

Tube: black conductive NR - abrasion resistant.

Reinforcement: high tensile steel cords.

Cover: black conductive SBR/NR - abrasion and ozone resistant.

Application: high pressure concrete pumping.

Temperature: -30 °C +80 °C (-22 °F +176 °F)

ID (mm)	ID (in)	OD (mm)	OD (in)	WP (bar)	WP (psi)	BP (bar)	BP (psi)	BR (mm)	BR (in)	Weight (kg/m)	Weight (lb/ft)
51,0	2"	69,0	2,72	100	1500	200	3000	255	10,04	2,420	1,64
63,0	2 1/2"	85,0	3,35	100	1500	200	3000	315	12,40	3,550	2,39
65,0	2 9/16"	87,0	3,43	100	1500	200	3000	335	13,19	3,620	2,44
76,0	3"	100,0	3,94	100	1500	200	3000	380	14,96	4,600	3,10
90,0	3 1/2"	114,0	4,49	100	1500	200	3000	450	17,72	5,560	3,74
102,0	4"	126,0	4,96	100	1500	200	3000	510	20,08	6,650	4,47
127,0	5"	149,0	5,87	100	1500	200	3000	635	25,00	8,520	5,73
127,0	5"	153,0	6,02	100	1500	200	3000	635	25,00	9,910	6,66
152,0	6"	184,0	7,24	100	1500	200	3000	760	29,92	13,970	9,39

NEW UPGRADED PRESSURE RATING

ALFAGOMMA ITALY **740** 100 bar (1500 psi) W.P. HEAVY DUTY CONCRETE PUMPING Ω     

// 741AA



Concrete pumping 100 bar (1500 psi) - Extra service - Steel reinforced

Tube: black conductive NR - abrasion resistant.

Reinforcement: high tensile steel cords.

Cover: black conductive SBR/NR - abrasion and ozone resistant.

Application: high pressure concrete pumping. Designed for long service life in heavy duty applications.

Temperature: -30 °C +80 °C (-22 °F +176 °F)

ID (mm)	ID (in)	OD (mm)	OD (in)	WP (bar)	WP (psi)	BP (bar)	BP (psi)	BR (mm)	BR (in)	Weight (kg/m)	Weight (lb/ft)
51,0	2"	69,0	2,72	100	1500	200	3000	255	10,04	2,400	1,62
63,0	2 1/2"	85,0	3,35	100	1500	200	3000	315	12,40	3,820	2,57
65,0	2 9/16"	87,0	3,43	100	1500	200	3000	335	13,19	3,930	2,65
76,0	3"	100,0	3,94	100	1500	200	3000	380	14,96	5,050	3,40
102,0	4"	128,0	5,04	100	1500	200	3000	510	20,08	7,770	5,23
127,0	5"	155,0	6,10	100	1500	200	3000	635	25,00	10,410	7,00

ALFAGOMMA ITALY **741** 100 bar (1500 psi) W.P. EXTRA SERVICE CONCRETE PUMPING Ω

// 733AA **NEW**



Piling rig 125 bar (1875 psi) - Steel reinforced

Tube: black conductive NR - abrasion resistant. Red overlaying layer for wear detection.

Reinforcement: high tensile steel cords.

Cover: black conductive SBR/NR - abrasion and ozone resistant.

Application: high pressure concrete pumping. Specially designed for piling rig applications.

Temperature: -30 °C +80 °C (-22 °F +176 °F)

ID (mm)	ID (in)	OD (mm)	OD (in)	WP (bar)	WP (psi)	BP (bar)	BP (psi)	BR (mm)	BR (in)	Weight (kg/m)	Weight (lb/ft)
127,0	5"	156,0	6,14	125	1875	250	3750	635	25,00	11,940	8,03

ALFAGOMMA ITALY **733** 125 bar (1875 psi) W.P. HIGH PRESSURE CONCRETE PUMPING Ω

// FITTINGS

Alfagomma integrated designed and tested high-grade steel fittings for our concrete hose range ensures maximum operating safety.

Available in various connection styles to meet the demands of different markets and their specific requirements.

Alfagomma technical department develops customized coupling solution to comply to concrete pump manufacturer standards.

- ▲ One piece concrete couplings, with pre-crimped ferrule for secure connection of the specific hose
- ▲ Hardened steel insert for high abrasion resistance
- ▲ Full flow couplings minimises the risk of blockages
- ▲ Full traceability of couplings thanks to the alphanumeric code marked on insert and ferrule during production



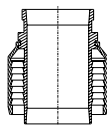
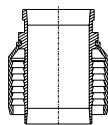
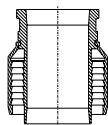
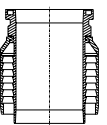
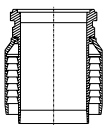
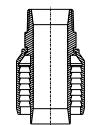
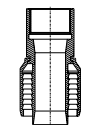
WIDE COUPLING RANGE

- // Victaulic style
- // Shouldered style
- // California style
- // Schwing style
- // Threaded style

ASSEMBLY CROSS SECTION



- // Hardened steel insert
- // Full flow pathway: no interference or build up of product conveyed

									
Hose ID (in)	Hose ID (mm)	Head DN (in)	VICTAULIC style	SHOULDERED style	CALIFORNIA style	SCHWING style (Female)	SCHWING style (Male)	BSPT and NPT Male threaded	BSPP Fixed Female threaded
2"	51	2"	●	●	●			●	●
2"	51	3"	●						
2 1/2"	63	2 1/2"			●				
2 1/2"	63	3"	●	●					
2 1/2"	65	3"	●	●					
3"	76	3"	●	●	●			●	
3"	76	3 1/4"	●						
3 1/2"	90	4"		●					
3 1/2"	90	4 1/2"		●					
4"	102	4"	●	●	●	●	●		
4"	102	4 1/2"	●						
5"	127	5"	●		●	●	●		
5"	127	5 1/2"	●						
6"	152	6"	●			●	●		

// INTEGRATED CONCRETE SYSTEM

Alfagomma guarantees a specialized integrated system for concrete pumping applications.

The high performance hoses and premium quality couplings are designed, manufactured and assembled in the Alfagomma factories to ensure complete quality control and reliability.

Alfagomma assembly centers dealing in the concrete business **grant fast delivery times** thanks to **stock availability** of all components, thus complying with the different **customers' requirements**. **Full traceability of all the assemblies** is granted by the ferrule marking during assembly process.

The assemblies are delivered with protective plastic caps on the fittings to avoid damage during transport.

Assembly procedure



1. One piece coupling: easy and fast picking and crimping



2. Ferrule marking for full traceability



3. Hose thickness measurement is taken to identify the correct calibrated crimping diameter



4. Coupling insertion on the hose



5. Crimping operation



6. Hose assembly

THE ALFAGOMMA GROUP

ALFAGOMMA

ARGENTINA – Buenos Aires
Moreno Store Center
Belisario Roldán 2616 - CP. 1744
La Reja - Bs. As.
+54 (11) 5365-6062/6063

AUSTRALIA – Sydney
50 Honeycomb Drive
Eastern Creek
Sydney, NSW 2766
+61 (2) 98 53 09 00
sydney@alfagomma.com.au

BELGIUM & NETHERLANDS – Benelux
Koeweideblock 4/D3
1785 Merchtem
+32 (0)52 509 747
info.benelux@alfagomma.com

BRAZIL – Guaranésia
Rua Felice Gennasio 401
Distrito Indl. Dr. Firmino Rocha de Freitas
37810-000 - Guaranésia, MG - Brasil
+55 (35) 35 55 0408
contato@alfagomma.com.br

CANADA – Montreal
6550 Abrams
St. Laurent, Montreal
Quebec H4S 1Y2
+1 (514) 33 35 577
info@alfagomma.ca

CHINA – Ningbo
No. 1 Cidong South Avenue
Coastal Economic Development Zone
Cixi, Zhejiang, China 315311
+86 (574) 88 15 72 88
alfagomma.china@alfagomma.com.cn

FRANCE – Villepinte
Le Sisley – Parc d'activité Paris Nord 2
23 Allée des Impressionnistes
93420 Villepinte
+33 (1) 48172121
agfrance.info@alfagomma.com

GERMANY – Herne
Friedrich der Grosse 10
44628 Herne
+49 (2323) 14 730
info.germany@alfagomma.com

GREECE – Athens
85 Kifissou Avenue
12241 Aigaleo, Athens
+30 (210) 41 19 909
info.hellas@alfagomma.com

INDONESIA – Tigaraksa
JL. Raya Pemda Tigaraksa km. 4
No 34, Matagara
Tigaraksa, Tangerang 15720
+62 (21) 59 96 301
jakarta@alfagomma.co.id

ITALY – Vimercate
Via Torri Bianche 1
20871 Vimercate (MB)
+39 (039) 60 161
info@alfagomma.com

MALAYSIA – Pasir Gudang
Plo 405, Jalan Perak 4
81707 Pasir Gudang
Negeri Johor Darul Takzim
+60 (7) 25 72 000
alfagomma@alfagomma.com.my

MEXICO – Torreón
Av. Industria de la transformacion
Parque Pymes 585
27400 Torreón, Coahuila
+52 8713125026
alfagomma.mexico@alfagomma.com

SINGAPORE
14 Tuas Ave 11
Singapore 639080
+65 6360 9000
alfagomma@alfagomma.com.sg

SOUTH AFRICA – Johannesburg
17 Quark Crescent Linbro Business Park
Sandton 2065
+27 (11) 20 10 900
alfagomma@alfagomma.co.za

SOUTH KOREA – Hwasung
15 Julteo Gil
Yangkam-Myun, Hwasung-Si
Kyungki-Do 18630
+82 (31) 35 28 671
alfagomma@alfagomma.co.kr

THAILAND – Bangkok
60/21 Moo.4 King Kaew Road
Racha Thewa SubDistrict, Bang Phli District
Samut Prakan Province, 10540
+66 (0) 2 136 2388
sales@alfagomma.co.th

UNITED KINGDOM – Haydock
43 Wilcock Road
Old Boston Trading Estate Haydock
St. Helens WA11 9TG
+44 (1942) 40 76 80
haydock.sales@alfagomma.com

UNITED STATES OF AMERICA – Burlington
3520 West Avenue
IA 52601 Burlington
+1 (319) 75 89 224
info@alfagomma.us

DUNLOPHIFLEX

DENMARK – KOLDING
Kokholm 5
6000 Kolding
+45 (43) 25 40 00
kundeservice@dunlophiflex.dk

ESTONIA – Tallin
Läike tee 32/1 - Peetri alevik,
Rae vald - 75312 Harjumaa (Tallinn)
Tel: +372 (0) 605 4900
tallinn@dunlophiflex.ee

FINLAND – Pirkkala
Jasperintie 320
33960 Pirkkala
+358 (207) 625 700
info@dunlophiflex.fi

NETHERLANDS – Deventer
Hunneparkade 86
7418 BT Deventer
+31 (570) 66 05 70
info@dunlophiflex.nl

NORWAY – Kjeller
Jogstadveien 39
Pb. 7, 2027 Kjeller
2007 Kjeller
+47 (23) 00 47 00
sales@dunlophiflex.no

SWEDEN – Halmstad
Kistinge Industriområde
Seldonsvagen 2
30180 Halmstad
+46 (104) 14 44 04
halmstad@dunlophiflex.se

ARGUS

GERMANY – Ettlingen
Pforzheimer Str. 126
76275 Ettlingen
+49 (7243) 50 550
info@argus-fluidtechnik.de

UNITED KINGDOM – Salisbury
Telford Road
Salisbury, Wiltshire SP2 7PH
+44 (1722) 42 05 90
sales@hiflex-europe.com

KIOWA

UNITED KINGDOM – Sleaford
Kiowa Ltd, The Reservation, East Road
Sleaford, Lincolnshire, NG34 7BY
+44 (0) 1529 416200
sales@kiowa.co.uk



HEADQUARTER
Alfagomma SpA
Via Torri Bianche 1
20871 Vimercate (MB) Italy
marketing@alfagomma.com
www.alfagomma.com