ALFAGOMMA GROUP

WATERBLAST

DUNLOP HIFLEX

WATERBLAST

The **Dunlop Hiflex WATERBLAST** range offers a simple, no-nonsense solution matching generic **industry pressure rating**, and is backed by 30 years' experience in the supply of **fully tested and certified waterjetting hose assemblies** to a worldwide market.

High-performace WATERBLAST hose features flexibility, light weight and durability and comes in **three pressure series** carrying **colour-coded branding** for easy identification.

Hose and fittings are concurrently engineered and manufactured from the **highest quality materials**, within recognised **quality standards**, to **surpass industry specifications** and deliver maximum reliability in service.

WATERBLAST applications

- Surface preparation
- Pavement maintenance
- Paint removal
- Corrosion and dust removal
- Welding residue, drawing compounds removal
- Tank cleaning
- Hydrodemolition of concrete
- Water Jets texture sandstone
- Water Jet cutting of food and soft materials
- Abrasive Jet cutting of hard materials

// WATERBLAST HOSE

ALL WATERBLAST HOSES ARE DESIGNED WITH A SAFETY FACTOR OF 2.5:1 IN LINE WITH RMA (USA), BFPA (UK) AND DIN (GERMANY) STANDARDS

// WATERBLAST - WB10L

Tube: oil and water resistant synthetic rubber.
Reinforcement: four high tensile steel spirals.
Cover: oil, water and ozone resistant synthetic rubber.
Application: very high pressure water jetting.
Temperature: -10 °C +70 °C (14 °F +158 °F)
Length: multiples of lengths shown in below grid.

Item Code	Constr.	ID (Dash)	ID (mm)	ID (in)	OD (mm)	OD (in)	WP (Mpa)	WP (psi)	BP (Mpa)	BP (psi)	BR (mm)	BR (in)	Weight (kg/m)	Weight (lb/ft)	Length (m)
1003795	4WS	8	13,0	1/2"	23,5	0,93	70,0	10000	175,0	25000	200	7,87	0,805	0,55	15,250
1003796	4WS	8	13,0	1/2"	23,5	0,93	70,0	10000	175,0	25000	200	7,87	0,805	0,55	20,000
1004044	4WS	12	19,0	3/4"	32,2	1,27	70,0	10000	175,0	25000	210	8,27	1,450	0,98	15,250
1004212	4WS	12	19,0	3/4"	32,2	1,27	70,0	10000	175,0	25000	210	8,27	1,450	0,98	20,000
1004213	4WS	16	25,0	1"	38,7	1,52	70,0	10000	175,0	25000	320	12,60	1,987	1,34	15,250
1004214	4WS	16	25,0	1"	38,7	1,52	70,0	10000	175,0	25000	320	12,60	1,987	1,34	20,000

// WATERBLAST - WB15L

Tube: oil and water resistant synthetic rubber.
Reinforcement: four high tensile steel spirals.
Cover: oil, water and ozone resistant synthetic rubber.
Application: very high pressure water jetting.
Temperature: -10 °C +70 °C (14 °F +158 °F)
Length: multiples of lengths shown in below grid.

Item Code	Constr.	ID (Dash)	ID (mm)	ID (in)	OD (mm)	OD (in)	WP (Mpa)	WP (psi)	BP (Mpa)	BP (psi)	BR (mm)	BR (in)	Weight (kg/m)	Weight (lb/ft)	Length (m)
1003471	4WS	6	10,0	3/8"	21,2	0,83	124,0	18000	310,0	45000	150	5,91	0,850	0,58	15,250
1003470	4WS	6	10,0	3/8"	21,2	0,83	124,0	18000	310,0	45000	150	5,91	0,850	0,58	20,000
1003473	4WS	8	13,0	1/2"	25,8	1,02	110,0	16000	275,0	40000	200	7,87	1,204	0,81	15,250
1003472	4WS	8	13,0	1/2"	25,8	1,02	110,0	16000	275,0	40000	200	7,87	1,204	0,81	20,000
1003475	4WS	12	19,0	3/4"	32,3	1,27	100,0	14500	250,0	36000	280	11,02	1,720	1,16	15,250
1003474	4WS	12	19,0	3/4"	32,3	1,27	100,0	14500	250,0	36000	280	11,02	1,720	1,16	20,000

Design and dimensions shown may be changed without prior notice

// WATERBLAST - WB20L

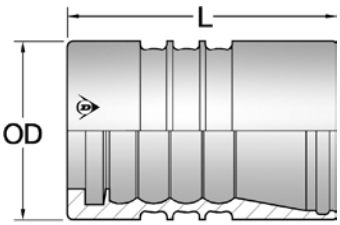
Tube: oil and water resistant synthetic rubber.
Reinforcement: four or six high tensile steel spirals or four high tensile steel spiral and one steel braid.
Cover: oil, water and ozone resistant synthetic rubber.
Application: very high pressure water jetting.
Temperature: -10 °C +70 °C (14 °F +158 °F)
Length: multiples of lengths shown in below grid.

Item Code	Constr.	ID (Dash)	ID (mm)	ID (in)	OD (mm)	OD (in)	WP (Mpa)	WP (psi)	BP (Mpa)	BP (psi)	BR (mm)	BR (in)	Weight (kg/m)	Weight (lb/ft)	Length (m)
1004171	4WS	4	6,0	1/4"	16,4	0,65	140,0	20000	350,0	50000	125	4,92	0,574	0,39	15,250
1004172	4WS	4	6,0	1/4"	16,4	0,65	140,0	20000	350,0	50000	125	4,92	0,574	0,39	20,000
1004175	4WS	5	8,0	5/16"	17,3	0,68	140,0	20000	350,0	50000	135	5,31	0,660	0,45	15,250
1004176	4WS	5	8,0	5/16"	17,3	0,68	140,0	20000	350,0	50000	135	5,31	0,660	0,45	20,000
1004178	4WS+1WB	6	10,0	3/8"	22,5	0,89	140,0	20000	350,0	50000	150	5,91	1,021	0,69	15,250
1004179	4WS+1WB	6	10,0	3/8"	22,5	0,89	140,0	20000	350,0	50000	150	5,91	1,021	0,69	20,000
1003798	4WS+1WB	8	13,0	1/2"	26,6	1,05	140,0	20000	350,0	50000	200	7,87	1,433	0,97	15,250
1003799	4WS+1WB	8	13,0	1/2"	26,6	1,05	140,0	20000	350,0	50000	200	7,87	1,433	0,97	20,000
1004181	6WS	12	19,0	3/4"	35,0	1,38	140,0	20000	350,0	50000	300	11,81	2,532	1,71	15,250
1004182	6WS	12	19,0	3/4"	35,0	1,38	140,0	20000	350,0	50000	300	11,81	2,532	1,71	20,000

Design and dimensions shown may be changed without prior notice

// WATERBLAST FERRULE

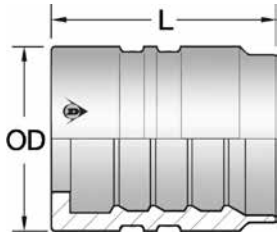
// D990000 - WB



Item Code	ID (Dash)	ID (mm)	ID (in)	Ferrule OD (mm)	L (mm)
1240103	4	6,0	1/4"	22,0	25,5
1240105	5	8,0	5/16"	27,0	35,0
1215264	6	10,0	3/8"	28,0	47,0
1223163	8	13,0	1/2"	33,0	50,0
1215266	12	19,0	3/4"	41,0	63,0
1215267	16	25,0	1"	49,0	75,0

WB20L: 1/4" and 5/16" only

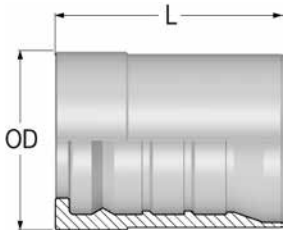
// D980000 - WB



Item Code	ID (Dash)	ID (mm)	ID (in)	Ferrule OD (mm)	L (mm)
1242379	6	10,0	3/8"	32,0	45,0
1215257	8	13,0	1/2"	37,4	46,0
1241935	12	19,0	3/4"	46,0	63,0

// H1700200

Interlock Dual Skive Ferrule for 4 Spiral Hoses



Item Code	ID (Dash)	ID (mm)	ID (in)	Ferrule OD (mm)	L (mm)
1251401	12	19,0	3/4"	38,0	48,7
1251403	16	25,0	1"	46,0	55,7

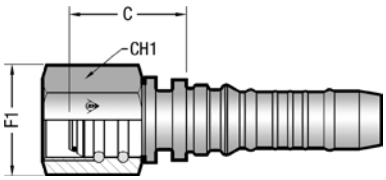
Design and dimensions shown may be changed without prior notice

// WATERBLAST FITTING

WATERBLAST INSERTS ARE MANUFACTURED USING A SPECIAL STEEL IN ORDER TO ENHANCE THE PERFORMANCE AND RELIABILITY OF THE PRODUCT

// D99001-WB

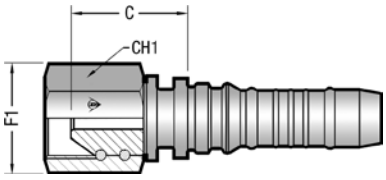
BSP Female 60° with O-Ring



Item Code	Product Code	Nut Type	ID (Dash)	ID (mm)	ID (in)	F1 Dash	F1	C (mm)	CH1 (mm)
1240158	DA99001-0404/0	Slip on nut	4	6,0	1/4"	4	1/4-19	26,0	22,0
1240159	DA99001-0605/0	Slip on nut	5	8,0	5/16"	6	3/8-19	31,0	25,0
1214925	DA99001-0606/0	Thrust wire nut	6	10,0	3/8"	6	3/8-19	32,1	22,0
1225828	DA9900N-0808/0	Thrust wire nut	8	13,0	1/2"	8	1/2-14	36,0	30,0
1214927	DA99001-1212/0	Thrust wire nut	12	19,0	3/4"	12	3/4-14	37,3	36,0

// D99010-WB

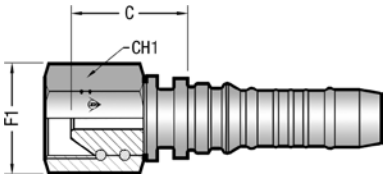
BSP Female 60° without O-Ring



Item Code	Nut Type	ID (Dash)	ID (mm)	ID (in)	F1 Dash	F1	C (mm)	CH1 (mm)
1245682	Thrust wire nut	8	13,0	1/2"	8	1/2-14	36,0	30,0

// D99061-WB

UNF Type "M Swivel"

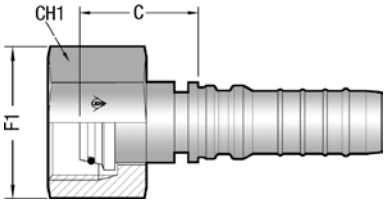


Item Code	Nut Type	ID (Dash)	ID (mm)	ID (in)	F1 Dash	F1	C (mm)	CH1 (mm)
1230563	Thrust wire nut	8	13,0	1/2"	10	1-12 UNF	41,0	32,0

Design and dimensions shown may be changed without prior notice

// D99179-WB

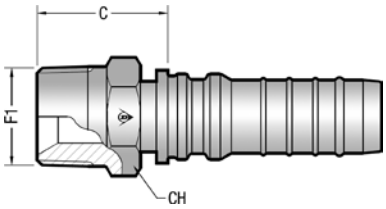
Metric Female 24° Cone with O-Ring - Heavy Series
DIN 3865 - DKOS -
Slip on Nut with Relief Bore



Item Code	Nut Type	ID (Dash)	ID (mm)	ID (in)	F1	OD1	C (mm)	CH1 (mm)
1240100	Slip on nut	4	6,0	1/4"	M14X1.5	6	28,0	22,0
1240101	Slip on nut	5	8,0	5/16"	M18X1.5	10	34,3	27,0
1214929	Slip on nut	6	10,0	3/8"	M22X1.5	14	36,5	27,0
1214930	Slip on nut	6	10,0	3/8"	M24X1.5	16	39,5	30,0
1214931	Slip on nut	8	13,0	1/2"	M24X1.5	16	40,0	30,0
1214932	Slip on nut	12	19,0	3/4"	M36X2	25	47,3	46,0
1214933	Slip on nut	16	25,0	1"	M42X2	30	49,6	50,0

// D99170-WB

NPTF Male 60° Seat - AGN



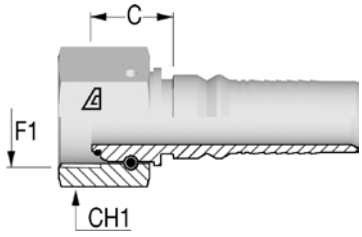
Item Code	ID (Dash)	ID (mm)	ID (in)	F1 Dash	F1	C (mm)	CH (mm)
1240134	4	6,0	1/4"	4	1/4-18	27,5	17,0
1240135	5	8,0	5/16"	6	3/8-18	30,5	19,0
1215271	6	10,0	3/8"	6	3/8-18	31,0	19,0
1215272	8	13,0	1/2"	8	1/2-14	35,0	22,0
1215273	12	19,0	3/4"	12	3/4-14	37,9	30,0
1215274	16	25,0	1"	16	1-11 1/2	47,3	36,0

Design and dimensions shown may be changed without prior notice

// INTERLOCK FITTINGS FOR WB10

// H1720812

BSPP Female 60° Cone with O-Ring
DKOR

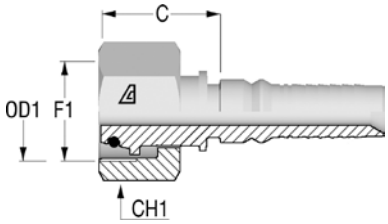


Item Code	Nut Type	ID (Dash)	ID (mm)	ID (in)	F1 Dash	F1	C (mm)	CH1 (mm)
1254772	Thrust wire nut	12	19,0	3/4"	12	3/4-14	22,5	32,0
1253167	Thrust wire nut	16	25,0	1"	16	1-11	25,5	38,0

Image: insert with Thrust Wire Nut.

// H1721613

Metric Female 24° Cone with O-Ring
ISO 8434-1 - Heavy Series
DKOS

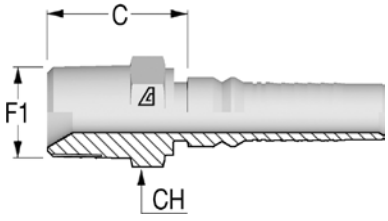


Item Code	Nut Type	ID (Dash)	ID (mm)	ID (in)	F1	OD1	C (mm)	CH1 (mm)
1254440	Thrust wire nut	12	19,0	3/4"	M30X2	20	37,5	36,0
1254281	Slip on nut	12	19,0	3/4"	M36X2	25	37,6	46,0
1254441	Thrust wire nut	16	25,0	1"	M36X2	25	38,8	46,0
1254280	Slip on nut	16	25,0	1"	M42X2	30	40,7	50,0

Image: insert with Slip on Nut.

// H1712810

NPTF Male 60° Seat
AGN



Item Code	ID (Dash)	ID (mm)	ID (in)	F1 Dash	F1	C (mm)	CH (mm)
1254531	12	19,0	3/4"	12	3/4-14	32,0	27,0
1254464	16	25,0	1"	16	1-11 1/2	42,0	36,0

Design and dimensions shown may be changed without prior notice

It is recommended that, in line with industry regulations, all WATERBLAST assemblies are pressure tested to 1.5 times the maximum working pressure.

- The use of the hose above the maximum working pressure causes over-stressing of the reinforcement and will lead to premature failure. Relief valves should be set to operate at 10% above the maximum working pressure. Pulsanting pressures will also have the same effect on hoses by reducing life and should be controlled as far as possible.
- Hoses change in length under pressure and this can be ±2%. If allowance is not made for this the hose can rupture or pull out of its fittings, either of which could cause bodily injury to the operator. This contraction must be allowed for when using chains to clamp lengths together.
- Fitting retention on hoses is particulary dependent on temperature. The basis for the WATERBLAST safety factor of 2.5:1 relies on temperatures not exceeding 70 °C.
- Fittings are designed to anchor on to hoses to resist the effects of pressure from inside the hose; they have not been designed for any other purpose. It is normal in waterblast operations to join several lenghts of hose together. However it is not recommended that these lengths are permitted to hang. This puts a large stress on the highest fittings and restricts the natural ability of the hose to contract under pressure. Tensile loads of any kind should be avoided.
- Physical damage to the hose caused by crushing or twisting will distort the reinforcement and lead to hose failure. Damage to the hose cover allowing water ingress will eventually lead to corrosion of the carbon steel wires. Damage to the cover is unavoidable, especially in contact with sharp edges. Once the cover has been damaged down to the wire the assembly should be replaced.
- High-pressure water is dangerous. Always wear adequate protective clothing, boots and eye protection.

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
Z5 Mollem 340
1730 Asse – Mollem
+32 (2) 209 27 40
info.benelux@alfagomma.com

BRAZIL – Guaranésia
Rua Felice Gennasio 401
Distrito Indl. Dr. Firmino Rocha de Freitas
37810-000 - Guaranesia, 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 – Tangerang
Jalan Raya Serang km. 16
Sukamulya Cikupa
Tangerang Banten 15710
+62 (21) 59 66 4792
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
Kokbjerg 1A
6000 Kolding
+45 43 25 40 00
kundeservice@dunlophiflex.dk

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

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

NORWAY – Kristiansand
Buråsen 7
4636 Kristiansand
+47 23 00 47 00
sales@dunlophiflex.no

SWEDEN – Halmstad
Kistinge Industriområde
Seldonsvägen 2
302 62 Halmstad
+46 (0)10-414 44 00
info@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

HEAD OFFICE
Via Torri Bianche 1
20871 Vimercate (MB) Italy
www.dunlophiflex.com

July 2026 - HO/DH - EN