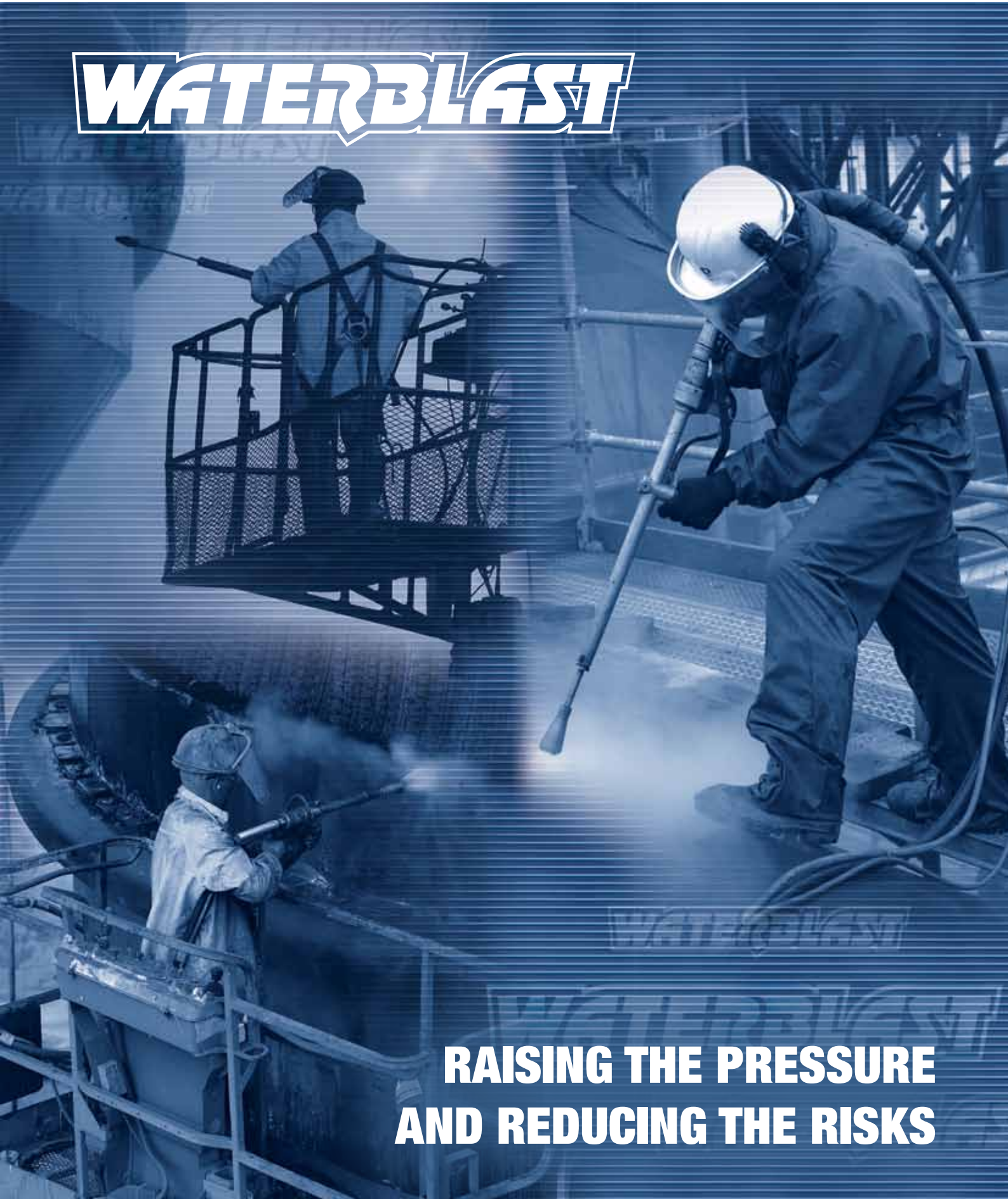


 **DUNLOP HIFLEX**

WATERBLAST



**RAISING THE PRESSURE
AND REDUCING THE RISKS**



WATERBLAST

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

Constant operation: -10°C +70°C

Safety Factor: 2.5:1

WATERBLAST WB10

Part No.	Dash	ID		OD		WP		BP		BR		W	
		mm	in	mm	in	MPa	psi	MPa	psi	mm	in	kg/m	lb/ft
8B7AA01200FSB8	08	13	1/2	24,6	0,97	70	10.000	175	25.000	200	8	0,91	0,61
8B7AA02000FSB8	12	19	3/4	32,0	1,26	70	10.000	175	25.000	280	11	1,63	1,10
8B7AA02500FSB8	16	25	1	38,8	1,53	70	10.000	175	25.000	355	14	1,99	1,33

WATERBLAST WB12

Part No.	Dash	ID		OD		WP		BP		BR		W	
		mm	in	mm	in	MPa	psi	MPa	psi	mm	in	kg/m	lb/ft
889AA01000FTB8	06	10	3/8	22,2	0,87	84	12.000	210	30.000	150	6	0,76	51
889AA01200FTB8	08	13	1/2	25,4	1,00	84	12.000	210	30.000	200	8	1,16	78

WATERBLAST WB15

Part No.	Dash	ID		OD		WP		BP		BR		W	
		mm	in	mm	in	MPa	psi	MPa	psi	mm	in	kg/m	lb/ft
8P7AA01000FKB8	06	10	3/8	21,4	0,84	125	18.000	312	45.000	150	6	0,85	0,57
8P7AA01200FKB8	08	13	1/2	25,4	1,00	110	16.000	275	40.000	200	8	1,26	0,85
8P7AA02000FKB8	12	19	3/4	31,8	1,25	100	14.500	250	36.250	280	11	1,78	1,20

WATERBLAST WB20*

Part No.	Dash	ID		OD		WP		BP		BR		W	
		mm	in	mm	in	MPa	psi	MPa	psi	mm	in	kg/m	lb/ft
8P8AA01200FEB8	08	13	1/2	29,5	1,16	140	20.000	350	50.000	200	8	1,75	1,18

* Reinforcement: four high tensile steel spirals and one steel braid.

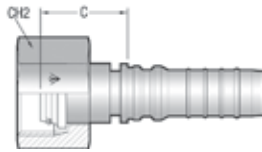
Dimensions and Data shown may be changed without notice

DUNLOP HIFLEX - WATERBLAST 20 - 1/2" MAX WP 20000 PSI DN12 12

WATERBLAST FITTINGS

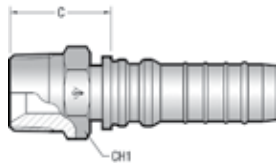
WATERBLAST INSERTS ARE MANUFACTURED USING A SPECIAL STEEL IN ORDER TO ENHANCE THE PERFORMANCE AND RELIABILITY OF THE PRODUCT

A99179 Metric Female 24° cone with O-Ring - Heavy - DIN 3865 DKOS - Slip on nut



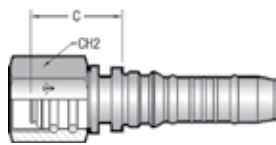
Part No.	Hose ID in	Hose ID mm	Dash	Thread mm	C Cut-off mm	CH2 mm
A99179-06-06	3/8	9,5	06	22x1,5	42,5	27
A99179-08-06	3/8	9,5	06	24x1,5	42,5	30
A9917N-08-08	1/2	12,7	08	24x1,5	47,0	30
A99179-12-12	3/4	19,0	12	36x2	64,2	46
A99179-16-16	1	25,4	16	42x2	73,4	50

990170 NPTF Male 60°



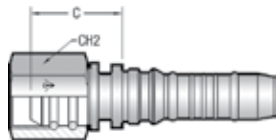
Part No.	Hose ID in	Hose ID mm	Dash	Thread in-TPI	Thread Dash	C Cut-off mm	CH1 mm
990170-06-06	3/8	9,5	06	3/8-18	06	40,5	19
99017N-08-08	1/2	12,7	08	1/2-14	08	42,0	22
990170-12-12	3/4	19,0	12	3/4-14	12	44,0	27
990170-16-16	1	25,4	16	1-11	16	44,5	36

A99001 BSP Female 60°



Part No.	Hose ID in	Hose ID mm	Dash	Thread in-TPI	Thread Dash	C Cut-off mm	CH2 mm
A99001-06-06	3/8	9,5	06	3/8-19	06	32,0	22
A9900N-08-08	1/2	12,7	08	1/2-14	08	36,0	30
A99001-12-12	3/4	19,0	12	3/4-14	12	37,5	36

A99061 Type "M" Swivel



Part No.	Hose ID in	Hose ID mm	Dash	Thread in-TPI	Thread Dash	C Cut-off mm	CH2 mm
A99061-10-08	1/2	12,7	08	1-12	08	36,0	30

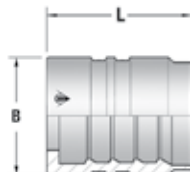
WATERBLAST FERRULES

990000 for WB 10/12/15



Part No.	Hose ID in	Hose ID mm	Dash	B mm	L mm
990000-06	3/8	10,0	06	28,0	47,0
99000N-08	1/2	13,0	08	33,0	50,0
990000-12	3/4	19,0	12	41,0	63,0
990000-16	1	25,4	16	49,0	75,0

980000 for WB 20



Part No.	Hose ID in	Hose ID mm	Dash	B mm	L mm
980000-08	1/2	13,0	08	38	46,0

DUNLOPHIFLEX - WATERBLAST 10 -- 3/4" MAX WP 1000

WATERBLAST



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-performance WATERBLAST hose features flexibility, light weight and durability and comes in four 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. 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 Applications

✓ Surface Preparation	✓ Tank Cleaning
✓ Pavement Maintenance	✓ Hydrodemolition of Concrete
✓ Paint Removal	✓ WaterJets Texture Sandstone
✓ Corrosion and dust removal	✓ Water Jet Cutting of food and soft materials
✓ Welding residue, drawing compounds removal	✓ Abrasive Jet Cutting of Hard Materials

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

1. 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. Pulsating pressures will also have the same effect on hoses by reducing life and should be controlled as far as possible.

2. Hoses change in length under pressure and this can be $\pm 2\%$. 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.

3. Fitting retention on hoses is particularly dependent on temperature. The basis for the WATERBLAST safety factor of 2.5:1 relies on temperatures not exceeding 70°C.

4. 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 lengths 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.

5. 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.

6. High-pressure water is dangerous. Always wear adequate protective clothing, boots and eye protection.