

CONCRETE HOSE & FITTINGS



WHO WE ARE.

Motion delivers a world-class customer-first approach to everything we do. This has firmly established our business as the leader in the market, providing excellence and expertise in industrial products, solutions and services.

For more than 100 years we have been a feature in the Australian industrial landscape giving customers unmatched products and service through an integrated network of branches, workshops and service centres.

We have an ongoing commitment to invest in our people, facilities, IT and systems to ensure we can continue to offer a broad ranging and premium level of engineering design, servicing and turnkey projects to our customers across Australia.

We are committed and proud to keep our customers in motion, every day of the year.

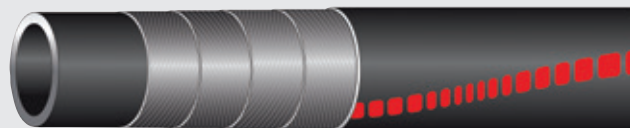
“**WE KEEP
THE WORLD
MOVING**”

CONCRETE PUMPING HOSE



STEEL CONCRETE DELIVERY HOSE

Designed for use at the end of the pump in concrete placement at casting locations. The hose resists suction during the cleaning process.



Part Number	ID	Nom. OD	Working Pressure		Vacuum Rating	Bend Radius	Weight	Length	Cut Policy
	mm	mm	psi	bar	in/hg	mm	kg/m	metres	metres
10-831-051-***	50.8	75.0	1275	85	23.62	380	3.87	30	1
10-831-063-***	63	89.0	1275	85	23.62	400	4.72	30	1
10-831-076-***	76.2	100.0	1275	85	23.62	400	5.42	30	1
10-831-090-***	90	118	1275	85	23.62	500	6.89	30	1
10-831-102-***	102	128.0	1275	85	23.62	550	7.66	30	1
10-831-127-***	127	153.0	1275	85	23.62	700	9.44	30	1

REINFORCEMENT: Steel wire cord braid

INNER TUBE: Black smooth NR/SBR blend

COVER: Black wrapped NR/SBR blend

TEMPERATURE: -40°C TO +70°C

SAFETY FACTOR: 2:1

ADVANTAGES:

- Excellent resistance to ageing, atmospheric conditions and ozone
- Extreme resistance to abrasion giving extended service life



Hose Assemblies

The IVG Shannon steel reinforced concrete pumping hose is also available to order as complete assemblies fitted by one of our fully equipped Motion workshop facilities strategically located across the country.

A wide variety of hose assembly lengths are available pre-fitted with both single and double ends off the shelf.

Our national workshops also have the flexibility to make custom specific lengths for that one off project.

NB: Pre-made hose assemblies available on request.



NEW HEAVY DUTY DESIGN

EXITFLEX® EF649 HEAVY DUTY FABRIC CONCRETE DELIVERY HOSE

Is a high pressure concrete delivery hose suitable for pumping applications up to 85 bar in concrete structures, dams, tunnel faces etc. Ideal for use as a flexible connection between pumping equipment and hard piping.



Part Number	ID	Nom. OD	Working Pressure		Vacuum Rating	Bend Radius	Weight	Length	Cut Policy
	mm	mm	psi	bar	in/hg	mm	kg/m	metres	metres
10-825-051-***	50.8	71.0	1235	85	-	500	3.00	4 / 10 / 20 / 30	4
10-825-063-***	63.5	87.0	1235	85	-	600	3.77	4 / 20 / 30	4
10-825-076-***	76.2	102.0	1235	85	-	750	4.90	4 / 10 / 20 / 30	4
10-825-088-***	88.9	115.0	1235	85	-	850	5.66	4 / 10 / 20 / 30	4
10-825-102-***	101.6	132.0	1235	85	-	1000	7.36	4 / 10 / 20 / 30	4

REINFORCEMENT: High tensile textile cord with two cross anti-static wire

INNER TUBE: Black smooth NR/PBR blend

COVER: Black wrapped NBR/SBR blend

TEMPERATURE: -30°C TO +70°C

SAFETY FACTOR: 2:1

ADVANTAGES:

- Excellent resistance to ageing, atmospheric conditions and ozone
- Flexible and easy to handle
- Extreme resistance to abrasion giving extended service life

**Various assemblies available on request.



Hose Assemblies

The EXITFLEX® EF649 fabric reinforced concrete delivery hose is also available to order as complete assemblies fitted by one of our fully equipped Motion workshop facilities strategically located across the country.

A wide variety of hose assembly lengths are available pre-fitted with both single and double ends off the shelf.

Our national workshops also have the flexibility to make custom specific lengths for that one off project.

NB: Pre-made hose assemblies available on request.

CONCRETE HOSE FITTINGS



**VICTAULIC
SHOULDERED
COUPLINGS**

Bore Size Inches (mm)	Part Number, Material and Type		
	Shouldered Coupling Galvanised Steel	Shouldered Snap Clamp (For Concrete Hose)	Seal (NBR)
2 (66.7)	59-600-067	59-607-067	59-609-067
3 (97.0)	59-600-097	59-607-097	59-609-097
4 (122.0)	59-600-122	59-607-122	59-609-122
4 (127.0)	-	59-607-127	59-609-127
5 (148.0)	-	59-607-148	59-609-148
6 (174.5)	59-600-175	-	59-609-175
8 (232.0)	59-600-232	-	59-609-232



**OPTIMA® CASE
HARDENED STEEL
CONCRETE HOSE
STEMS**

Part Number	Size mm (Inches)	Head Style	Head DN	Head Dimension (mm)				Weight
			Inches	A	B	C	D	kg/m
22-050-051-067	51.0 (2)	Shouldered	2	66.5	59.5	16	20	1.1
22-050-063-089	63.0 (2½)	Victaulic	3	89	88.5	16.5	20	1.96
22-050-063-097	63.0 (2½)	Shouldered	3	97	88.5	16	20	1.96
22-050-076-127	76.0 (3)	Victaulic	3	148	139	17	20	2.86
22-050-076-097	76.0 (3)	Shouldered	3	97	88.5	16	20	2.13
22-050-088-122	88.0 (3½)	Shouldered	4	122	115	17.5	20	3.82
22-050-088-122T	88.0 (3½)	Shouldered Taper	4	122	115	17.5	20	3.82
22-050-088-127	88.0 (3½)	Victaulic	4½	127	115	17	20	3.77
22-050-102-122	102.0 (4)	Shouldered	4	122	115	17.5	20	3.45
22-050-102-127	102.0 (4)	Victaulic	4½	127	115	17	20	3.45
22-050-127-148	127.0 (5)	Victaulic	5½	148	139	17	20	4.55

Part Number	Size mm (Inches)	Head Style	Thread		Weight
			Size	Type	kg/m
22-050-051-032F	51.0 (2)	Threaded	2 inch	BSPP	1.303



**OPTIMA® CASE
HARDENED STEEL
CONCRETE HOSE
STEMS**

Part Number	Hose ID		Hose OD (mm)		Weight	Material
	mm	Inches	Min.	Max.	kg/m	
19-390-032	51	2	62	71	0.89	Plated Steel
19-390-040	63	2½	74	87	0.85	Plated Steel
19-390-048	76	3	90	106	1.4	Plated Steel
19-390-056	88	3½	102	120	2.2	Plated Steel
19-390-064	102	4	116	132	2.86	Plated Steel
19-390-080	127	5	143	159	3.9	Plated Steel

ADVANTAGES:

- Case hardened steel
- Oversized hosetail allowing for optimum flow
- Black Electroplated surface finish minimising corrosion extending the life of the hosetail

NOTES



FPS-BROAU-CHAF26-001

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