

Multipurpose

FLEXIBLE ENGINEERING

JF4 light-weight suction and discharge hose connections A range of low pressure hoses for multipurpose applications

Product description

JF4 are a range of light-weight hand-built hose connections designed to convey a wide range of products including grains, sand, powders, cement, dry waste, oil, chemicals and foodstuffs at 2 bar WP and -0.45 bar vacuum.

Reinforcement

Two layers of light nylon/polyester woven leno fabric surround a single high-tensile steel wire helix for optimum flexibility, vacuum resistance and stability under pressure.

Ends

Wire-free plain or enlarged cuffed ends. Trailing anti-static wire tails are available on request.

Cover¹

Corrugated abrasion and weather resistant black or white rubber.

Sizes

1" (25mm) to 5" (127mm), lengths up to 3 metres.

Bend radius

Minimum 6 x bore size.

Lining ¹	Suffix	Applications
Natural	-NR	Air, water, abrasives
White natural ⁴	-WNR	Food applications FDA
Nitrile	-NBR	Fuels, oils
White nitrile ⁴	-NBR	Food applications FDA
Neoprene	-CR	Sea water, oil-based mud
White neoprene	-WCR	Oil-based products
EPDM	-EP	Chemicals, sea water
Hypalon	-CSM	Chemicals
Viton™	-FKM	Special applications

Nominal physical data²

Bore size ³	Lining		Od mm	Bend radius		Weight	
	Inch	mm		mm	Inch	kg/mt	lb/ft
1"	25	3	39	152	6	1.24	0.83
1.1/2"	38	3	52	229	9	1.71	1.14
2"	51	3	67	305	12	2.28	1.53
2.1/2"	64	3	80	381	15	2.75	1.85
3"	76	3	92	457	18	3.51	2.35
3.1/2"	89	3	105	533	21	4.05	2.72
4"	102	3	122	610	24	4.35	2.92
4.1/2"	114	3	134	686	27	5.48	3.68
5"	127	3	147	762	30	6.04	4.06

¹ Consult JF Hose for the correct rubber lining and cover to suit your application.
² Nominal physical data is based on -NR type with a 3mm thick lining and 1.5mm thick cover. Other lining and cover thicknesses are available.

³ Other intermediate sizes available on request.
⁴ Food grade compound manufactured in accordance with FDA section 177.2600. Viton™ is a trademark of The Chemours Company FC, LLC.

- Flexible, light-weight design
- Plain or enlarged cuffed ends
- Trailing anti-static wires
- Food quality linings available⁴

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