

## Multipurpose

## FLEXIBLE ENGINEERING

### A40 general-purpose hand-built flexible hoses

### A range of light-weight hoses designed for industrial applications

#### Product description

**A40 are a range of hand-built hoses** for handling a wide range of media. The hoses are designed to be light-weight and flexible.

#### Sizes<sup>4</sup>

1" (25mm) up to 10" (254mm) in custom-made lengths.

#### Reinforcement

High-strength woven cotton and polyester, rubber friction-coated fabric and a high-tensile steel helical wire.

#### Electrical continuity

Trailing copper anti-static wires are available on request.

#### Cover

Corrugated for optimum flexibility; tough, abrasion and weather resistant natural or neoprene rubber.

#### Cuffed ends

Soft cuffed ends can be plain or enlarged; to provide an uninterrupted flow when connected to pipework. Cuffed ends can be sealed/capped to protect the inner reinforcements.

Lining <sup>1</sup>	Suffix	Applications
Natural	-NR	Air, water, abrasives
White natural <sup>5</sup>	-WNR	Food applications FDA
Nitrile	-NBR	Fuels, oils
White nitrile <sup>5</sup>	-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

- Flexible, light-weight design
- Plain or enlarged cuffed ends
- Trailing anti-static wires
- Food quality linings available<sup>5</sup>

#### Nominal physical data<sup>2</sup>

Bore size <sup>3</sup>	Od	Pressure	Weight	Bend radius
Inch	mm	bar	kg/mt	mt
1"	25	41	3.5	0.71
1.1/2"	38	54	3.5	1.46
2"	51	67	3.1	1.87
2.1/2"	64	79	3.1	2.27
3"	76	94	2.2	3.28
3.1/2"	89	107	2.1	3.75
4"	102	120	2.0	4.23
6"	152	170	1.2	6.54
8"	203	221	0.5	8.58
9"	229	247	0.5	9.61
10"	254	272	0.5	10.63

<sup>1</sup> Consult JF Hose for the correct rubber lining to suit your application.

<sup>2</sup> Nominal physical data is based on -NR type with a 3mm thick lining and 1.5mm thick cover; 60 Shore 'A' hardness natural rubber.

<sup>3</sup> Other sizes are available on request.

<sup>4</sup> Sizes available in maximum 12mt lengths.  
<sup>5</sup> Food grade lining compound manufactured in accordance with FDA section 177.2600. Viton™ is a trademark of The Chemours Company FC, LLC.

**JF Hose & Couplings Limited**  
 Unit 5 Hecla Works, Mounsey Road  
 Preston, PR5 6LS, UK  
 Tel: 01772 323300 Fax: 01772 323322  
 Email: sales@jfhose.co.uk

[www.jfhose.co.uk](http://www.jfhose.co.uk)