

## Multipurpose

## FLEXIBLE ENGINEERING

### A16, A17, A18, A25, A32, A39 medium-duty 'hard wall' hose A range of hand-built hoses designed for abrasives handling

#### Product description

**A16, A17, A18, A25, A32, A39** are a range of robust hand-built medium-duty hoses designed to convey a wide range of products including animal feeds, grains, flours, powders, cement, sand, dry waste and food products.

#### Reinforcement

Two layers of high-strength cords surround a high-tensile steel wire helix for optimum flexibility, vacuum resistance and stability under pressure.

#### Bend radius

Minimum 6 x bore size.

#### End terminations

Wire-free plain or enlarged cuffed ends, wired-in or clamp-in hose tails.

#### Cover

Corrugated black abrasion and weather resistant neoprene rubber, except A32 and A39, which have a white natural rubber cover. 'Rope down' derivatives are available for increased flexibility.

#### Sizes

2" (50mm) to 10" (250mm), up to 12 metre lengths. Other sizes are available on request.

#### Working pressures/vacuum

|          |        |           |           |       |           |
|----------|--------|-----------|-----------|-------|-----------|
| 2" to 6" | 10 bar | -0.85 bar | 8" to 10" | 7 bar | -0.85 bar |
|----------|--------|-----------|-----------|-------|-----------|

#### Lining variations<sup>†</sup>

| Type  | Lining/thickness |       | Type  | Lining/thickness       |       |
|-------|------------------|-------|-------|------------------------|-------|
| A16   | Para/gum         | 3mm   | A18-B | Black NR               | 6mm   |
| A16-B | Black NR         | 3mm   | A25   | Neoprene               | 1.5mm |
| A17   | Para/gum         | 4.5mm | A32   | White NBR <sup>3</sup> | 3mm   |
| A17-B | Black NR         | 4.5mm | A39   | White NR <sup>3</sup>  | 3mm   |
| A18   | Para/gum         | 6mm   |       |                        |       |

#### Nominal physical data<sup>1</sup>

| Bore size <sup>2</sup> |     | Weight kg/mt  |      |      |      |
|------------------------|-----|---------------|------|------|------|
| Inch                   | mm  | A16, A32, A39 | A17  | A18  | A25  |
| 2"                     | 51  | 1.8           | 2.1  | 2.4  | 1.9  |
| 3"                     | 76  | 2.8           | 3.3  | 3.7  | 2.9  |
| 4"                     | 102 | 3.6           | 4.1  | 4.7  | 3.7  |
| 6"                     | 152 | 5.8           | 6.7  | 7.5  | 6.1  |
| 8"                     | 203 | 10.2          | 11.3 | 12.4 | 10.7 |
| 10"                    | 254 | 13.5          | 14.2 | 16.3 | 14.2 |

<sup>1</sup> Consult JF Hose for the correct lining to suit your application.  
<sup>2</sup> Other sizes are available on request.

<sup>3</sup> Food grade lining compound manufactured in accordance with FDA section 177.2600.

- Robust hand-built hoses
- Strong and flexible design
- Plain or enlarged cuffed ends
- Sizes 50mm to 250mm

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