

### A50 series hand-built chemical suction and discharge hose A range of hoses designed for multipurpose chemicals transfer

#### Product description

**A50 series** is a range of flexible hand-built suction and discharge hoses designed to convey a wide range of common industrial chemicals and aggressive fluids.

#### Reinforcement

Multiple layers of rubber coated high-strength cords surround a single high-tensile steel wire spiral for optimum flexibility, vacuum resistance and stability under pressure.

#### Linings and covers

Elastomers are formulated to offer maximum resistance to chemicals as well as external protection from exposure to sunlight and weathering.

#### End terminations

Integrally moulded rubber and fabric fixed flanges with vulcanised one-piece steel backing plates, beaded ends with one-piece captive swivel flanges, fully embedded (rubber lined) built-in steel nipples, wire-free cuffed ends; plain or enlarged or wired end-to-end.

#### Cover and branding

Hoses are externally corrugated to follow the embedded wire spiral for optimum flexibility and external protection. Rope-down covers are also available for increased flexibility. Hoses can be permanently branded for safety identification.

- Hand-built hoses
- Optimum flexibility
- Smooth bore, mandrel built
- Couplings or cuffed ends

Type	Lining	Cover
A50	Gum natural rubber	Red natural rubber
A51	EPDM	EPDM
A52	Neoprene	Neoprene
A53	Hypalon	Neoprene
A54	Viton™	Neoprene

#### Nominal physical data†

Bore size	Working pressure	Vacuum rating	Lining thickness	Outside diameter	Nom weight	Min bend radius	
Inch	mm	bar	mm	mm	kg/mt	mm	
2	51	10	-0.85	3	73	2.5	306
3	76	10	-0.85	3	99	3.7	546
4	102	10	-0.85	3	125	4.9	606
5	127	10	-0.85	3	150	6.0	762
6	152	10	-0.85	3	180	8.37	912
7	178	10	-0.85	3	206	9.62	1068
8	203	10	-0.85	4.5	237	14.1	1218
10	254	10	-0.85	4.5	291	19.4	1524
12	305	10	-0.85	4.5	342	23.1	1830

† Nominal physical data is based on type A51 (EPDM rubber lining and cover).

Consult JF Hose for the correct lining to suit your application.

The above sizes are available up to 12 metre lengths. Other sizes are available on request.

Viton™ is a trademark of The Chemours Company FC, LLC.

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