

**Dredging & Mining**

**FLEXIBLE ENGINEERING**

**A22, A23, A24 heavy-duty dredge discharge hose  
Designed as a flexible connection in floating pipeline systems**

**Product description**

**At a glance**

A22, A23, A24 are robust heavy-duty hand-built hoses designed for use as a flexible connection in floating pipeline dredge discharge systems.

Hoses are available in sizes from 250mm; lengths up to 12 metres and 500mm to 1000mm; lengths up to 7 metres.



A23-9 400mm heavy-duty discharge hose

**Lining**

Smooth bore, mandrel built. Highly abrasion and cut-resistant black natural rubber in varying thicknesses depending on the severity of the application.

**Reinforcement**

A substantial carcass of high-strength synthetic textile cords embedded in highly abrasion resistant rubber to give pressure resistance, flexibility and stability under pressure.

**Cover**

Tough neoprene rubber for excellent resistance against abrasion, weathering, oil, grease and sea water.

- Custom built assemblies
- 250mm to 1000mm bore
- Robust high-strength design
- Integral or built-in couplings

Type	Working pressure
A22	7 bar
A23	10 bar
A24	16 bar

**JF Hose & Couplings Limited**  
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**A22, A23, A24 heavy-duty dredge discharge hose**

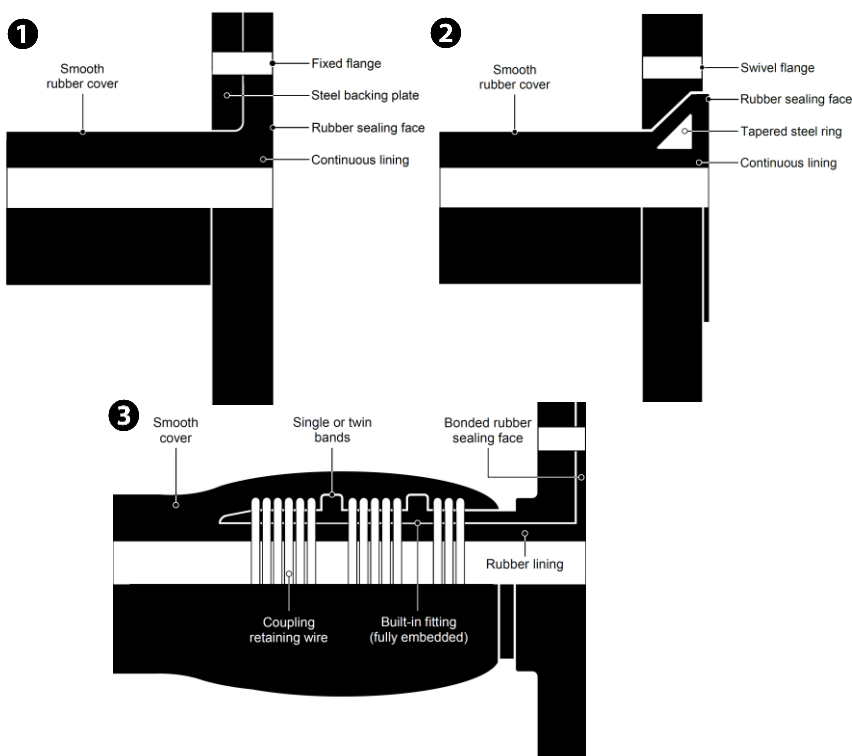
**Designed as a flexible connection in floating pipeline systems**

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

Bore size <sup>2</sup> Inch	mm	Lining <sup>1</sup> mm	Outside diameter mm			Nominal weight kg/mt			Minimum bend radius <sup>3</sup> mt		
			A22	A23	A24	A22	A23	A24	A22	A23	A24
10"	250	9	286	290	294	17.5	19.4	21.5	2.0	2.0	2.5
12"	300	9	337	341	349	20.6	22.9	27.7	2.4	2.4	3.0
14"	350	9	392	392	404	26.5	26.5	34.7	2.8	2.8	3.5
16"	400	9	442	442	454	30.1	30.1	39.3	3.2	3.2	4.0
18"	450	12	503	503	515	43.2	43.2	53.6	3.6	4.1	5.0
20"	500	12	554	558	570	47.6	51.4	63.1	4.0	4.5	5.5
24"	600	12	656	664	676	56.7	65.8	79.6	4.8	5.4	6.6
27.1/2"	700	12	750	758	770	69.8	91.3	95.8	5.6	6.3	7.7
31.1/2"	800	15	860	868	890	90.6	102.4	126.4	7.2	8.0	9.6
35.1/2"	900	15	960	972	990	101.7	121.6	141.7	8.1	9.0	10.8
39.1/2"	1000	15	1064	1076	1100	120.1	142	171.9	9.0	10.0	12.0

**Coupling systems<sup>4</sup>**

- ① Integral rubber and fabric fixed flanges with vulcanised one-piece steel backing plates.
- ② Beaded ends with captive swivel flanges.
- ③ Heavy-duty built-in rubber lined (fully embedded) steel fittings.



1 Nominal physical data is based on typical examples. Lining thicknesses vary, depending on the wear severity of the application. Ask JF Hose for a suitable lining thickness to suit your application.  
 2 Other sizes are available on request. 3 When pressurised. 4 Data sheets are available on request.

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