

**A27, A28, A29 dredge suction and discharge hose**

**A range of hoses for on-board and pontoon discharge systems**

**Product description**

**At a glance**

A27, A28 A29 are robust heavy-duty hand-built hoses designed for use on dredger systems in many positions both onboard dredgers and for pontoon lines where a non-collapsible hose is required. Hoses are available in sizes from 250mm; lengths up to 12 metres and 500mm to 1000mm; lengths up to 7 metres.



A28-12 600mm heavy-duty suction and discharge hose

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

**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 and a heavy-duty tensile steel wire helix fully embedded in highly abrasion resistant rubber giving maximum resistance to crushing and vacuum collapse.

**Cover**

Tough neoprene rubber for resistance against abrasion, weathering, oil, grease and sea water. Corrugated for optimum flexibility.

Type	Working pressure	Vacuum rating
A27	7 bar	-0.85
A28	10 bar	-0.85
A29	16 bar	-0.85

**JF Hose & Couplings Limited**  
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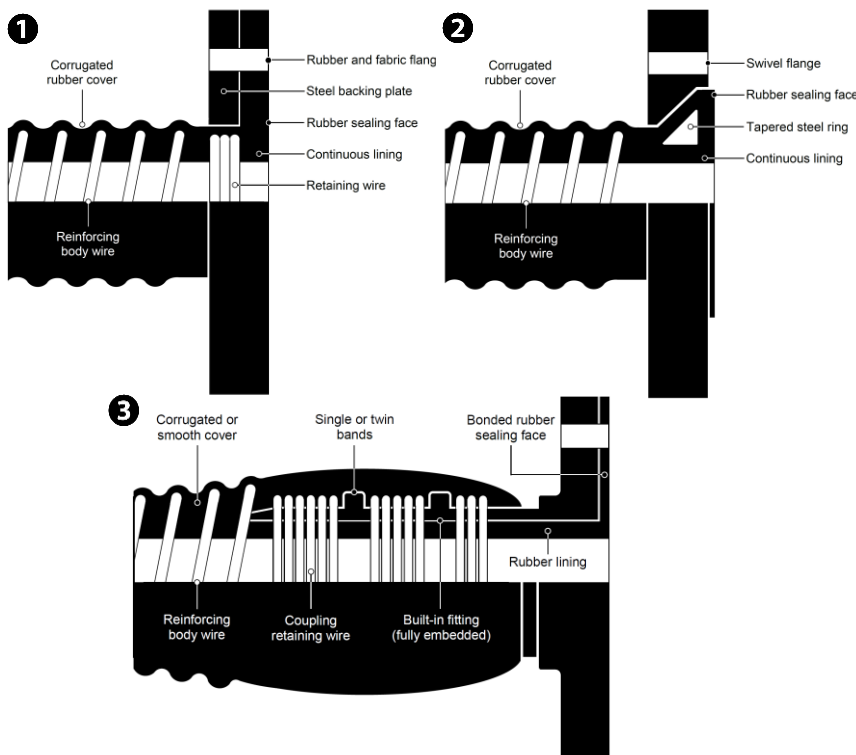
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**Nominal physical data<sup>1</sup>**

Bore size <sup>2</sup> Inch	mm	Lining <sup>1</sup> mm	Outside diameter mm			Nominal weight kg/mt			Minimum bend radius mt		
			A27	A28	A29	A27	A28	A29	A27	A28	A29
10"	250	9	300	304	304	28.2	30.1	30.1	1.5	1.5	1.8
12"	300	9	351	355	359	33.3	35.7	38.3	1.8	1.8	2.1
14"	350	9	406	406	410	40.6	40.6	43.4	2.1	2.1	2.5
16"	400	9	456	456	460	45.9	45.9	49.1	2.4	2.4	2.8
18"	450	12	513	517	521	57.5	61.1	64.7	2.7	2.9	3.4
20"	500	12	564	568	572	63.5	67.4	71.4	3.0	3.3	3.8
24"	600	12	666	670	678	75.6	80.2	89.5	3.6	3.9	4.5
27.5"	700	12	760	764	768	91.2	96.5	101.8	4.2	4.6	5.3
31.5"	800	15	866	870	880	106.2	112.1	124.2	5.2	5.6	6.4
35.5"	900	15	966	974	984	117.4	130.8	144.3	5.9	6.3	7.2
39.5"	1000	15	1070	1074	1084	137.6	144.9	159.8	6.5	7.0	8.0

**Coupling systems<sup>3</sup>**

- ❶ Integral rubber and fabric fixed flanges with vulcanised one-piece steel backing plates.
- ❷ Beaded ends with captive swivel flanges.
- ❸ 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 Coupling systems data sheets are available on request.

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