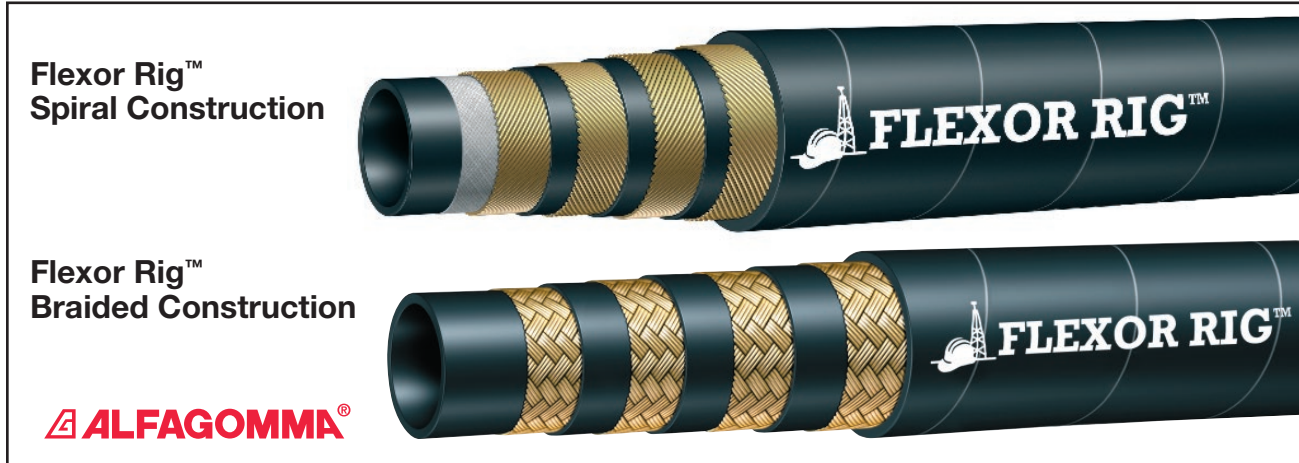




## Flexor Rig™ Slim Hole Rotary Drilling Hose



### Construction:

**Tube** — Oil resistant synthetic rubber.

**Reinforcement** — Four or six spiral wires for sizes -16 through -40 and four high tensile steel braids for size -48.

**Cover** — Abrasion, ozone, hydrocarbon and flame resistant synthetic rubber.

**Lengths** — For -16 Random, Consult Kuriyama -20 through -48: 100' lengths

**Branding** — ALFAGOMMA FLEXOR RIG ID – SLIM HOLE ROTARY –...WP ...MPa (...PSI) – DN – IN... MSHA IC-152/9 - Q/YR

**Safety Factor** — 4:1 for ID sizes 1" to 2".  
3:1 for ID sizes 2 1/2" to 3".

### Applications:

Rotary hose, specially designed for use in portable, work-over and seismograph drilling rigs.

**Temperature Range:** -40° F (-40° C) to 250° F (+121° C) constant operation.

**Ambient temperature:** -40° F (-40° C) to 200° F (+100° C).

**Note:** Operating temperatures in excess of 250° F (+121° C) may materially reduce the life of the hose.

## Nominal Specifications

Series Number	Size Code	Construction	Nominal ID		Nominal OD		Max. Working† Pressure (psi)	Min. Bend. Radius		Approx. Weight (lbs)	Coupling Recommendations	
			(In)	(mm)	(In)	(mm)		(In)	(mm)		AlfaCrimp One-Piece	Two-Piece Couplings Interlock
FLEXOR RIG-16	16	4 Spiral	1	25	1.52	38.7	5,000	12.2	305	1.34	F	XF2
FLEXOR RIG-20	20	4 Spiral	1 1/4	32	1.75	44.4	5,000	11.0	280	1.52	F	XF2
FLEXOR RIG-24	24	6 Spiral	1 1/2	38	2.26	57.3	5,000	20.3	508	3.22	F	XF1
FLEXOR RIG-32	32	6 Spiral	2	51	2.79	70.9	5,000	25.4	635	4.47	M	XF1
FLEXOR RIG-40	40	4 Spiral	2 1/2	64	3.20	81	3,000	28.8	720	4.26	XF1	
FLEXOR RIG-48	48	4 Braids	3	76	4.13	100	2,400	36.4	910	5.21	KS1 – External Skive	

† Minimum burst pressure 4:1 safety factor for ID sizes 1" to 2" and 3:1 for ID sizes 2 1/2" to 3".

**Freight:** Hydraulic Hose can be combined with other KOA products for qualifying prepaid freight orders.

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Hose or tubing used in bent configurations will be subjected to increased abrasion. Hose clamps or couplings may loosen after initial installation and all sections of hose and tubing including connections, couplings, clamps, conductivity and bonding should be inspected frequently, regularly and consistently, and should be replaced, adjusted or re-tightened for the avoidance of leakage, for the prevention of injuries or damages, and for general safety purposes. Except as indicated in its Limited Warranty, Seller shall not be liable or responsible for direct or indirect injuries or damages caused by or attributed to the failure or malfunction of any Products sold or distributed by it.

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