

# Eagle Slim Hole Rotary

## Oilfield Drilling Hose



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

**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.

**Temperature:** -40° F (-40° C) to 200° F (+93° C) constant operation.  
-40° F (-40° C) to 176° F (+80° C) ambient temperature

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

**Couplings:** Male NPT API Style.

**Lengths:** -24 through -48: 100' lengths.

Size Code	Construction	Nom. ID		Nom OD		Max WP † psi	Min Bend Radius		Approx. Weight lbs/ft
		in	mm	in	mm		in	mm	
16	4 Spiral	1	25	1.52	38.7	5,000	12.2	305	134
20	6 Spiral	1 1/4	32	1.96	49.8	5,000	16.8	419	241
24	6 Spiral	1 1/2	38	2.26	57.3	5,000	20.3	508	322
32	6 Spiral	2	51	2.79	70.9	5,000	25.4	635	447
40	4 Spiral	2 1/2	54	3.20	81	3,000	28.8	720	426
48	4 Braids	3	76	4.13	100	2,000	36.4	910	521

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



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