

SLIM HOLE ROTARY DRILLING HOSE

THE FLEXOR RIG™ IS A SLIM HOLE ROTARY HOSE THAT HAS BEEN SPECIALLY DESIGNED FOR USE IN PORTABLE, WORK-OVER AND SEISMOGRAPH DRILLING RIGS. THIS PRODUCT IS DEVELOPED TO WITHSTAND VERY DEMANDING CONDITIONS AND EXHIBIT VERY HIGH PERFORMANCE IN PRESSURE, PULSING AND FLEXING APPLICATIONS.



Construction:

Tube — Oil resistant synthetic rubber.

Reinforcement — Four spiral wires for sizes -40 and -48. Six spiral wires for size -32.

Cover — Minetuff abrasion, ozone, hydrocarbon and flame resistant synthetic pin pricked rubber.

Service 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.

Branding:

ALFAGOMMA FLEXOR RIG ID – SLIM HOLE ROTARY –...WP ...MPa (...PSI) – DN – IN...MSH-IC-152/16 - Q/YR

Alfagomma Alfabiotech 2K Minetuff 2000 PSI Hydraulic Service - 3200 PSI Slim Hole Rotary Service MSHA IC-152/16 Made in Italy

Flexor Rig™ – 6 Spirals

MSHA IC-152/16 approved flame resistance

ABT2K– 4 Spirals

MSHA IC-152/16 approved flame resistance
ISO 18752/CC 1,000,000+ impulse cycles all sizes

Nominal Specifications

Series Number	Size Code	Construction	ID		OD		Max. Working Pressure (psi)	Min. Bend. Radius		Weight (lbs/ft)	Coupling Recommendations		
			(In)	(mm)	(In)	(mm)		(In)	(mm)		AlfaCrimp One-Piece	Two-Piece Interlock	
FLEXOR RIG-32	32	6 Spiral	2	50.8	2.76	70.2	5000	21.6	550	4.14	M	F	XF1
ABT2K-40	40	4 Spiral	2 1/2	63.5	3.11	79.0	3200	28.3	720	3.33			XF1
ABT2K-48	48	4 Spiral	3	76.2	3.64	92.5	3200	33.1	840	3.64			VS4 – External Skive

FLEXOR RIG † Minimum burst pressure 4-to-1 safety factor for ID size 2".

ABT2K *Note: Slim Hole Rotary Hose Working Pressure 3200 psi, Hydraulic Service 2000 psi.

† Minimum burst pressure 4-to-1 hydraulic service/2.5-to-1 slim hole rotary.