

HOSES
ONE-PIECE B SERIES
ONE-PIECE D SERIES
ONE-PIECE F & P SERIES
TWO-PIECE FERRULES (A & PFR SERIES)
TWO-PIECE INSERTS (A SERIES)
TWO-PIECE INTERLOCK FERRULES & INSERTS (X & Z SERIES)
QUICK RELEASE
ASSEMBLY EQUIPMENT
TECHNICAL INFORMATION

Flexor Rig™ Slim Hole Rotary Drilling Hose



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



General Applications:

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

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...MSHA 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

Length:

100' and 200' lengths

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.

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

Because we continually examine ways to improve our products, we reserve the right to alter specifications or discontinue products without prior notice.