

# Hose Selection Guide



## MAXIMUM RECOMMENDED OPERATING PRESSURES

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### Maximum Operating Pressure (mpa)

Hose Series	Hose Description	Cat. Page	Diameter														
			(in)	1/8	3/16	1/4	5/16	3/8	1/2	5/8	3/4	1	1 1/4	1 1/2	2	2 1/2	3
			DIN	3	5	6	8	10	12	16	20	25	32	38	50	63	76
			Size	-02	-03	-04	-05	-06	-08	-10	-12	-16	-20	-24	-32	-40	-48
ABT2K	ALFABIOTECH 2000 MINETUFF	30														13.79	13.79
ABT3K	ALFABIOTECH 3000 MINETUFF	31											20.68	20.68	20.68		20.68
ABT4K	ALFABIOTECH 4000 MINETUFF	32						27.58	27.58	27.58	27.58	27.58	27.58	28.96	27.58		
ABT5K	ALFABIOTECH 5000 MINETUFF	33								34.47	34.47	34.47	34.47	34.47	34.47	34.47	
ABT5KST	ALFABIOTECH 5000 SUPERTUFF	39								34.47	34.47	34.47	34.47	34.47	34.47		
ABT6K	ALFABIOTECH 6000 MINETUFF	35				45.16		44.47	41.37	41.37	41.37	41.37	41.37	41.37	41.37		
ABT6KST	ALFABIOTECH 6000 SUPERTUFF	40				45.16		44.47	41.37	41.37	41.37	41.37	41.37	41.37	41.37		
ABTP5K	ALFABIOTECH 5500 PLUS MINETUFF	34									37.92	37.92					
AF3B	ALFAFOREST MINETUFF	28						50.19									
AT10KOC	OIL CEMENTING SUPERTUFF	73													68.95		
AT3KMT	ALFATECH 3000 MINETUFF	27				22.41		21.51	20.68	27.58	24.13	20.68					
AT3KST	ALFATECH 3000 SUPERTUFF	37				22.41		20.68	20.68		24.13	20.68					
FLEXOR RIG	FLEXOR RIG MINETUFF ROTARY	72										34.47	34.47	34.47	34.47	20.68	20.68
PF151R3	PIRANHAFLEX 100R3	46				10.34	10.34	8.62	6.89								
PF267	PIRANHAFLEX 100R7	52			20.68	18.96	17.24	15.51	13.79		8.62						
PF267NC	PIRANHAFLEX 100R7	52			20.68	18.96	17.24	15.51	13.79		8.62						
PF321TC	PIRANHAFLEX SPECIALTY	60			41.37	41.37											
PF344LMT	PIRANHAFLEX SPECIALTY	61				18.96		15.51	13.79		10.34	10.34					
PF354	PIRANHAFLEX 100R7	48		20.68	20.68	18.96	17.24	15.51	13.79		8.62						
PF354TL	PIRANHAFLEX 100R7	58				18.96		15.51	13.79								
PF354NC	PIRANHAFLEX 100R7	48		20.68	20.68	18.96	17.24	15.51	13.79		8.62						
PF354NCTL	PIRANHAFLEX 100R7	58				18.96		15.51	13.79								
PF367	PIRANHAFLEX 100R7	51			20.68	18.96	17.24	15.51	13.79		8.62						
PF367NC	PIRANHAFLEX 100R7	51			20.68	18.96	17.24	15.51	13.79		8.62						
PF415CP	PIRANHAFLEX	47				10.34	10.34	10.34	10.34								

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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

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			(in)	1/8	3/16	1/4	5/16	3/8	1/2	5/8	3/4	1	1 1/4	1 1/2	2	2 1/2	3
			DIN	3	5	6	8	10	12	16	20	25	32	38	50	63	76
			Size	-02	-03	-04	-05	-06	-08	-10	-12	-16	-20	-24	-32	-40	-48
KK4BK	K-KLEEN 4000	69						27.58	27.58								
KK4BU	K-KLEEN 4000	69						27.58	27.58								
PF427	PIRANHAFLEX 100R18	57				20.68		20.68	20.68								
PF427NC	PIRANHAFLEX 100R18	57				20.68		20.68	20.68								
PF528	PIRANHAFLEX 100R8	56				34.47		27.58	24.13								
PF528NC	PIRANHAFLEX 100R8	56				34.47		27.58	24.13								
PF628	PIRANHAFLEX 100R8	55				34.47		27.58	24.13		15.51						
PF628TL	PIRANHAFLEX 100R8	58				34.47		27.58	24.13								
PF628NC	PIRANHAFLEX 100R8	55				34.47		27.58	24.13		15.51						
PF628NCTL	PIRANHAFLEX 100R8	58				34.47		27.58	24.13								
PFAN388NC	PIRANHAFLEX 100R7	53				20.68		20.68	20.68								
PFLT364	PIRANHAFLEX 100R7	54				18.96		15.51	13.79								
PFP354	PIRANHAFLEX 100R7	49				18.96		15.51	13.79								
PFP354NC	PIRANHAFLEX 100R7	50				18.96		15.51	13.79								
TR1HT	HIGH TEMP 1SN	43			25.03	22.41	21.51	18.00	16.00	13.10	10.55	8.83	6.34	5.03	4.14		
TR2HT	HIGH TEMP 2SN	44				40.00	34.47	33.09	27.58	25.03	21.51	16.55	12.55	9.03	8.27		
TAJ5BK	ALFAJET 400	71															
TAJ5BU	ALFAJET 400	71				40.33	40.33	40.33	40.33								
TF2LT	2SC/R16 LOW TEMP	68				41.37		34.47	31.03	27.58	24.13	20.68					
TF2MT	2SC/R16 MINETUFF	25				41.37	37.92	34.47	31.03	27.58	24.13	20.68	13.79	12.55	10.34	7.58	6.89
TF2ST	2SC/R16 SUPERTUFF	38				41.37		34.47	31.03	27.58	24.13	20.68					
TR14C	R14 PTFE SS BRAID	67						13.79	10.34	8.27	6.89	4.62	3.62	3.10	2.38		
TR14TB	R14 PTFE SS BRAID	66				27.58	24.13	20.68	17.93	15.86	13.79	11.03	6.89				
TR1MT	1SN/R1AT MINETUFF	23				25.03	22.41	21.51	18.00	16.00	13.10	10.55	8.83	6.34	5.03	4.14	
TR2MT	2SN/R2AT MINETUFF	24					39.99	34.47	33.09	27.58	25.03	21.51	16.55	12.55	9.03	8.27	
TR4XF	R4 EXTRA FLEXIBLE SAE 100R4	63									2.59	2.07	1.72	1.03	0.69		
WB10	WATERBLAST MINETUFF	74							68.95	68.95		68.95	68.95				

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			DIN	3	5	6	8	10	12	16	20	25	32	38	50	63	76
			Size	-02	-03	-04	-05	-06	-08	-10	-12	-16	-20	-24	-32	-40	-48
WB15	WATERBLAST MINETUFF	75							110.32		99.97						
WB20	WATERBLAST MINETUFF	76				137.90		137.90	137.90		137.90						

### Flexor 5 100R5 Reduced Bore Sizes and Working Pressures

Hose Series	Hose Description	Cat. Page	Diameter										
			(in)	3/16	1/4	5/16	13/32	1/2	5/8	7/8	1 1/8	1 3/8	1 13/16
			Size	-04	-05	-06	-08	-10	-12	-16	-20	-24	-32
TR5-R5	R5 ONE WIRE BRAID	64		20.68	20.68	15.51	13.79	12.07	10.34	5.52	4.31	3.45	2.41
TR5HT	R5 HIGH TEMP ONE WIRE BRAID	45		20.68	20.68	15.51	13.79	12.07	10.34	5.52	4.31	3.45	2.41

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