

FlexIT 5000

FOUR OR SIX WIRE SPIRAL HOSE

EN 856 R13 - SAE 100 R13



Construction

- 1 - Synthetic rubber tube;
- 2 - Four high tensile steel wire spirals for sizes 12 and 16 and six high tensile steel wire spirals for other sizes;
- 3 - Synthetic rubber cover, MSHA flame retardant approved;

Application

High pressure hydraulic system with extreme high pressure peaks for use with hydraulic oils, both mineral and biological, polyglycol base oils, water-oil emulsions and water.

Temperature range

Hydraulic oils: -40°C to +121°C (-40°F to +250°F)
occasional peaks up to +125°C (+257°F);
Polyglycol base oils, water-oil emulsions and water: up to +85°C (+185°F).

HOSE TYPE	Ø HOSE			REINFORCEMENT DIAMETER		OUTSIDE DIAMETER		WORKING PRESSURE		BURST PRESSURE		BEND RADIUS		WEIGHT	
	DN	INCH	SIZE	[mm]	[in]	[mm]	[in]	[bar]	[psi]	[bar]	[psi]	[mm]	[in]	[kg/m]	[lb/ft]
FlexIT 5000-12	19	3/4"	12	29,0	1,142	32,1	1,264	350	5000	1400	20000	240	9,45	1,60	1,08
FlexIT 5000-16	25	1"	16	35,1	1,382	38,4	1,512	350	5000	1400	20000	300	11,81	2,13	1,43
FlexIT 5000-20	31	1.1/4"	20	46,8	1,843	49,8	1,961	350	5000	1400	20000	420	16,54	4,40	2,96
FlexIT 5000-24	38	1.1/2"	24	54,3	2,138	57,3	2,256	350	5000	1400	20000	500	19,69	4,80	3,23
FlexIT 5000-32	51	2"	32	68,1	2,681	71,6	2,819	350	5000	1400	20000	630	24,80	7,20	4,84
FlexIT 5000-40	63	2.1/2"	40	81,8	3,220	86	3,386	350	5000	1400	20000	800	31,50	8,00	5,38

COMPATIBILITY CHART BETWEEN THIS HOSE AND INTERTRACO APPROVED FITTINGS*

FlexIT 5000	-04	-06	-08	-10	-12	-16	-20	-24	-32	-40
1 Piece 					No-skive: J series		No-skive: H			
							Ext-skive: X series			
Interlock 					Interlock: I insert + S0041 ferrule		Interlock: I insert + S0061 ferrule			

* For fittings details please make reference to Intertraco fittings catalogues.

** Please refer to our crimping chart for more detailed application data.