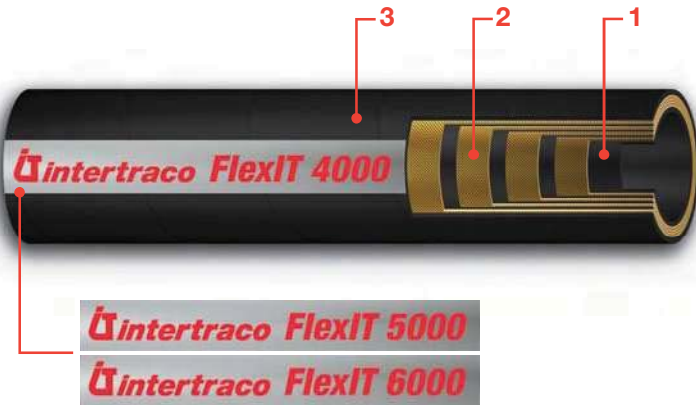


FlexIT SHP

EN 856 4SP - EXCEEDS SAE 100 R12



A. Construction

- 1 - Synthetic rubber tube
- 2 - Four high tensile steel wire spirals
- 3 - Synthetic rubber cover, MSHA flame retardant approved

B. 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

C. Temperature range

Hydraulic oils: -40°C to +100°C (-40°F to +212°F)
occasional peaks up to +125°C (+250°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]
SHP-06	10	3/8"	06	17,5	0,689	19,5	0,768	450	6500	1800	26000	180	7,09	0,69	0,46
SHP-08	12	1/2"	08	20,3	0,799	22,3	0,878	420	6000	1680	24000	230	9,06	0,80	0,54
SHP-10	16	5/8"	10	23,8	0,937	25,8	1,016	350	5000	1400	20000	250	9,84	0,96	0,64
SHP-12	19	3/4"	12	28,2	1,110	30,2	1,189	350	5000	1400	20000	300	11,81	1,42	0,95
SHP-16	25	1"	16	35,1	1,382	37,3	1,469	280	4000	1120	16000	300	11,81	1,85	1,24

COMPATIBILITY CHART BETWEEN THIS HOSE AND INTERTRACO APPROVED FITTINGS*

FlexIT SHP	-04	-06	-08	-10	-12	-16	-20	-24	-32
1 Piece 		No-skive: J series							
					Ext-skive: X series				
2 Piece 		No-skive: B insert + S312T series							
		Ext-skive: B insert + S0420 series							

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

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