

FlexIT SC216

TWO WIRE BRAID COMPACT HOSE

EN 857 2SC - SAE 100 R16S



A. Construction

- 1 - Synthetic rubber tube
- 2 - Two high tensile steel wire braids
- 3 - Synthetic rubber cover

B. Application

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			MEDIUM REINFORCEMENT DIAMETER		MAX 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]
SC216-04	6	1/4"	04	11,2	0,441	14,2	0,559	400	5800	1600	23200	51	2,01	0,28	0,19
SC216-05	8	5/16"	05	12,7	0,500	15,7	0,618	350	5000	1400	20000	57	2,24	0,33	0,22
SC216-06	10	3/8"	06	15,1	0,594	18,3	0,720	330	4800	1320	19200	63	2,48	0,42	0,28
SC216-08	12	1/2"	08	18,3	0,720	21,5	0,846	275	4000	1100	16000	88	3,46	0,52	0,35
SC216-10	16	5/8"	10	21,4	0,843	24,7	0,972	250	3600	1000	14400	100	3,94	0,61	0,41
SC216-12	19	3/4"	12	25,4	1,000	28,6	1,126	215	3100	860	12400	120	4,72	0,79	0,53
SC216-16	25	1"	16	33,4	1,315	36,6	1,441	165	2400	660	9600	150	5,91	1,10	0,74
SC216-40	63	2.1/2"	40	73,7	2,902	76,5	3,012	70	1000	280	4000	760	29,92	3,3	2,22
SC216-48	76	3"	48	89,0	3,504	91,5	3,602	70	1000	280	4000	900	35,43	3,78	2,54

COMPATIBILITY CHART BETWEEN THIS HOSE AND INTERTRACO APPROVED FITTINGS*

FlexIT SC216	-03	-04	-05	-06	-08	-10	-12	-16	-20	-24	-32	-40	-48
1 Piece 	No-skive: K series												
	No-skive: J series												No-skive: J series
2 Piece 	No-skive: B insert + SN03T ferrule											No-skive: B + SN03T	
	No-skive: B insert + SCX0T ferrule												
	Ext-skive: B insert + S0210 ferrule												

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

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