

EXCEEDS: EN 856 4SP - SAE 100 R12, SIZES -10 -12 -16
EXCEEDS: EN 856 4SH, SIZES -20 -24 -32

FOUR WIRE SPIRAL THIN COVER HOSE



Construction

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

Application

High pressure hydraulic system 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).

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]
IT 4ST-10	16	5/8"	10	24,4	0,961	26,4	1,039	350	5000	1400	20000	100	3,94	1,00	0,67
IT 4ST-12	19	3/4"	12	27,0	1,063	29,0	1,142	350	5000	1400	20000	120	4,72	1,09	0,73
IT 4ST-16	25	1"	16	34,6	1,362	36,6	1,441	350	5000	1400	20000	150	5,90	1,95	1,31
IT 4ST-20	31	1.1/4"	20	41,9	1,650	45,0	1,772	350	5000	1400	20000	210	8,27	2,49	1,67
IT 4ST-24	38	1.1/2"	24	48,8	1,921	52,0	2,047	300	4350	1200	17400	250	9,84	3,03	2,04
IT 4ST-32	51	2"	32	63,2	2,488	66,5	2,618	250	3600	1000	14400	315	12,40	4,43	2,98

COMPATIBILITY CHART BETWEEN THIS HOSE AND INTERTRACO APPROVED FITTINGS

INTERTRACO 4ST	-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 ferrule					
				Ext-skive: B insert + S0420 ferrule					
Interlock 						Interlock: I insert + S004I ferrule			