

EXCEEDS SAE 100 R15

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 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]
4ST+ 06	10	3/8"	06	17,2	0,677	19,9	0,783	450	6500	1800	26000	100	3,94	0,63	0,42
4ST+ 08	12	1/2"	08	20,0	0,787	22,2	0,874	420	6000	1680	24000	110	4,33	0,74	0,50
4ST+ 10	16	5/8"	10	24,4	0,961	26,4	1,039	420	6000	1680	24000	140	5,51	1,00	0,67
4ST+ 12	19	3/4"	12	28,2	1,110	30,1	1,185	420	6000	1680	24000	170	6,69	1,47	0,99
4ST+ 16	25	1"	16	34,6	1,362	36,6	1,441	420	6000	1680	24000	220	8,66	1,95	1,31
4ST+ 20	31	1.1/4"	20	41,9	1,650	45,0	1,772	420	6000	1680	24000	380	14,96	2,49	1,67

COMPATIBILITY CHART BETWEEN THIS HOSE AND INTERTRACO APPROVED FITTINGS*

BRIDGESTONE 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				

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

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