

EXCEEDS SAE 100 R15

SIX WIRE SPIRAL THIN COVER HOSE



A. Construction

- 1 - Synthetic rubber tube
- 2 - Six high tensile steel wire spirals
- 3 - Synthetic rubber cover Abrasion resistant Type, 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 +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]
6ST-20	31	1.1/4"	20	44,4	1,748	47,4	1,866	420	6000	1680	24000	300	11,81	3,68	2,47
6ST-24	38	1.1/2"	24	52,5	2,067	55,5	2,185	420	6000	1680	24000	350	13,78	4,40	2,96
6ST-32	51	2"	32	66,9	2,634	71,5	2,815	420	6000	1680	24000	395	15,55	7,44	5,00

COMPATIBILITY CHART BETWEEN THIS HOSE AND INTERTRACO APPROVED FITTINGS*

BRIDGESTONE 6ST	-04	-06	-08	-10	-12	-16	-20	-24	-32
1 Piece 									No-skive: H series No-skive: HLZ series
									Ext-skive: X series
Interlock 									Interlock: I insert + S006I ferrule

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

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