

**SPECIAL HOSE: SIZES -10 -12 -16**  
**EXCEEDS: EN 856 4SH, SIZES -20 -24 -32**

## FOUR WIRE SPIRAL THIN COVER HOSE



**BRIDGESTONE 4ST-20**

Marking for size -20, -24, -32

### 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)  
 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-10	16	5/8"	10	24,4	0,961	26,4	1,039	350	5000	1400	20000	140	5,51	1,00	0,67
4ST-12	19	3/4"	12	27,0	1,063	29,0	1,142	350	5000	1400	20000	170	6,69	1,09	0,73
4ST-16	25	1"	16	34,6	1,362	36,6	1,441	350	5000	1400	20000	220	8,66	1,95	1,31
4ST-20	31	1.1/4"	20	41,9	1,650	45,0	1,772	350	5000	1400	20000	230	9,06	2,49	1,67
4ST-24	38	1.1/2"	24	48,8	1,921	52,0	2,047	300	4350	1200	17400	280	11,02	3,03	2,04
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\*

BRIDGESTONE 4ST	-04	-06	-08	-10	-12	-16	-20	-24	-32
<b>1 Piece</b> 						No-skive: <b>J</b> -series			
						Ext-skive: <b>X</b> -series			
<b>2 Piece</b> 						No-skive: <b>B</b> insert + <b>S312T</b> ferrule			
						Ext-skive: <b>B</b> insert + <b>S0420</b> ferrule			
<b>Interlock</b> 						Interlock: <b>I</b> insert + <b>S004I</b> ferrule			

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

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