

4SH



EN 856 4SH

FOUR WIRE SPIRAL HOSE



A. Construction

- 1 - Synthetic rubber tube
- 2 - Four high tensile steel wire spirals
- 3 - Synthetic rubber cover, 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 +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			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]
DIN4SH-12	19	3/4"	12	28,4	1,118	32,2	1,268	420	6000	1680	24000	280	11,02	1,60	1,08
DIN4SH-16	25	1"	16	35,2	1,386	38,7	1,524	380	5500	1520	22000	340	13,39	2,25	1,51
DIN4SH-20	31	1.1/4"	20	41,9	1,650	45,5	1,791	325	4700	1300	18800	460	18,11	2,60	1,75
DIN4SH-24	38	1.1/2"	24	48,8	1,921	53,5	2,106	290	4200	1160	16800	560	22,05	3,20	2,15
DIN4SH-32	51	2"	32	63,2	2,488	68,1	2,681	250	3600	1000	14400	700	27,56	4,80	3,23

COMPATIBILITY CHART BETWEEN THIS HOSE AND INTERTRACO APPROVED FITTINGS*

BRIDGESTONE 4SH	-04	-06	-08	-10	-12	-16	-20	-24	-32
1 Piece 						No-skive: J -series			
						Ext-skive: X series			
2 Piece 						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.

