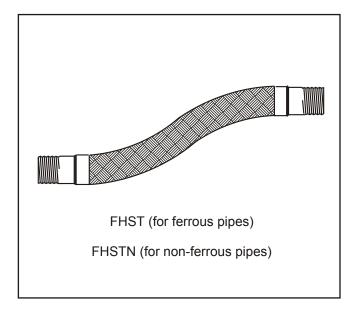
## BRAIDED CONVOLUTED ST. STEEL HOSES Model FHST + FHSTN



## **APPLICATIONS**

Braided convoluted stainless steel hoses are designed to reduce noise and vibration transmission from plant items. They are also capable of accommodating lateral movement.

These models have either mixed carbon steel / stainless steel internal parts OR stainless steel to ALL wetted parts, and can be used accordingly for the following applications:-

Low Temperature Heating (LTHW) Medium Temp. Heating (MTHW) Steam and Condensate Chilled Water (CHW) Fire Protection, Fuel Oil and Gas

Where required, these models are in accordance with WRAS, for the following applications:-

Potable Water Service (Drinking) Cold Water Service (CWS) Hot Water Service (HWS)



Nominal Size DN (mm)	Installation Length (mm)	Lateral Deflection (mm)	Static Bend Rad. (mm)	Flexing Bend Rad. (mm)	Product Code (MODEL-SIZE-OAL-MVT-ENDS)
15 20 25 32 40 50 15 20 25 32 40 50	250 250 250 300 300 350 400 450 550 600	15 15 15 15 15 25 25 25 25 25 25 25 25	50 70 90 110 130 150 50 70 90 110 130 150	190 250 290 330 370 420 190 250 290 330 370 420	FHST(N)-015-250-15-BSPT FHST(N)-020-250-15-BSPT FHST(N)-025-250-15-BSPT FHST(N)-032-250-15-BSPT FHST(N)-040-300-15-BSPT FHST(N)-050-300-15-BSPT FHST(N)-015-350-25-BSPT FHST(N)-020-400-25-BSPT FHST(N)-025-450-25-BSPT FHST(N)-032-500-25-BSPT FHST(N)-050-600-25-BSPT FHST(N)-050-600-25-BSPT
	The data above is typical for SEP applications. For more demanding applications, the length, movement and bending radii will be dependant upon the design for the pressure and temperature of the fluid conveyed.				

## **SPECIFICATION**

FHST - Braided threaded model with stainless steel annular convoluted hose and over braid, and carbon steel end fittings threaded to BS21 / ISO7.

<code>FHSTN</code> - Braided threaded model with stainless steel annular convoluted hose and over braid, and stainless steel end fittings threaded to BS21 / ISO7.

When FHSTN is suffixed "(WRAS)" it indicates accordance with WRAS\*, approval number 0705078. \*Water Regulations Advisory Scheme.

Designed to BS6501 and ISO10380.

Install to BSRIA\* CoP 11/2002, for 25 year life. \*Building Services Research & Information Authority.

Conforms with PED\* 97/23/EC. \*Pressure Equipment Directive.

Also available - quick release couplings and rotary / swivel joints.

## **OPERATING PARAMETERS**

These models are designed to suit the pressure and temperature of the fluid conveyed in compliance with PED 97/23/EC. As a guide, the operating parameters are based on pressure / temperature ratings for hose assemblies from BS6501 / ISO10380, where the working pressure is reduced at elevated working temperatures.

Working Temp	Maximum non-shock
Up to	Working Pressure
120 °C.	16.0 Barg.
150 °C.	14.4 Barg.
200 °C.	12.8 Barg.
250 °C.	11.2 Barg.
300 °C.	9.6 Barg.

WRAS Approved models - Max. Working Temperature = 90 °C.



subject to alteration without notification