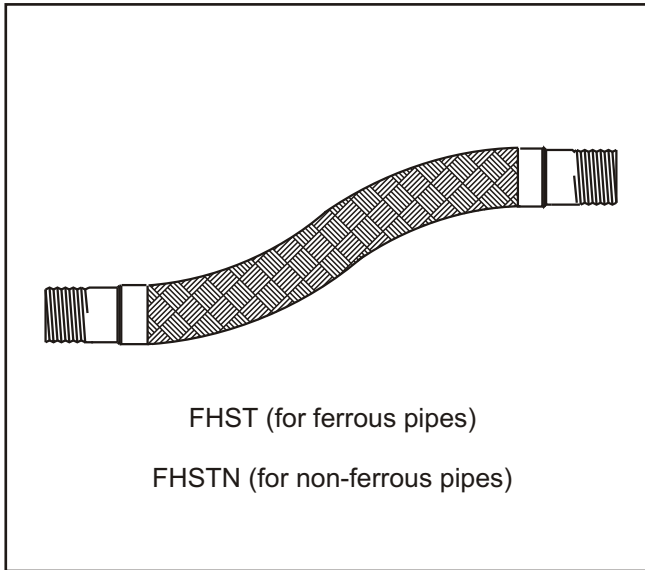


BRAIDED CONVOLUTED ST. STEEL HOSES

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	250	15	50	190	FHST(N)-015-250-15-BSPT
20	250	15	70	250	FHST(N)-020-250-15-BSPT
25	250	15	90	290	FHST(N)-025-250-15-BSPT
32	250	15	110	330	FHST(N)-032-250-15-BSPT
40	300	15	130	370	FHST(N)-040-300-15-BSPT
50	300	15	150	420	FHST(N)-050-300-15-BSPT
15	350	25	50	190	FHST(N)-015-350-25-BSPT
20	400	25	70	250	FHST(N)-020-400-25-BSPT
25	450	25	90	290	FHST(N)-025-450-25-BSPT
32	500	25	110	330	FHST(N)-032-500-25-BSPT
40	550	25	130	370	FHST(N)-040-550-25-BSPT
50	600	25	150	420	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.

FHSTN - 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 Up to	Maximum non-shock 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.