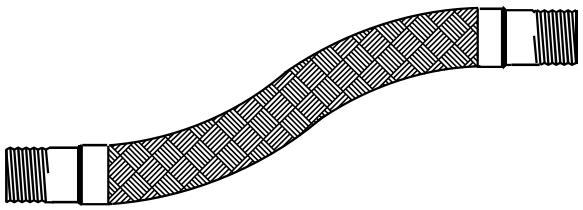
BRAIDED CONVOLUTED ST. STEEL HOSES
Model FHST + FHSTN



FHST (for ferrous pipes)

FHSTN (for non-ferrous pipes)

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)

WRAS APPROVED PRODUCT

Nominal Size DN (mm)	Installation Length (mm)	Lateral Deflection (mm)	Static Bend Rad. (mm)	Flexing Bend Rad. (mm)	Product Code (MODEL-SIZE-OAL-ENDS)
15	250	15	50	190	FHST(N)-015-250-BSPT
20	250	15	70	250	FHST(N)-020-250-BSPT
25	250	15	90	290	FHST(N)-025-250-BSPT
32	250	15	110	330	FHST(N)-032-250-BSPT
40	300	15	130	370	FHST(N)-040-300-BSPT
50	300	15	150	420	FHST(N)-050-300-BSPT
65	350	15	200	440	FHST(N)-065-350-BSPT
15	350	25	50	190	FHST(N)-015-350-BSPT
20	400	25	70	250	FHST(N)-020-400-BSPT
25	450	25	90	290	FHST(N)-025-450-BSPT
32	500	25	110	330	FHST(N)-032-500-BSPT
40	550	25	130	370	FHST(N)-040-550-BSPT
50	600	25	150	420	FHST(N)-050-600-BSPT
65	650	25	200	440	FHST(N)-065-650-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 ISO7.

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

When FHSTN is suffixed "(WRAS)" it indicates accordance with WRAS*, approval number 1306040. *Water Regulations Advisory Scheme.

Designed to 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

Bespoke 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 ISO10380, where the operating pressure is reduced at elevated working temperatures.

Maximum Operating Temperature, TS	Maximum non-shock Operating Pressure, PS
120 ºC.	16.0 Barg.
150 ºC.	14.4 Barg.
200 ºC.	12.8 Barg.
250 ºC.	11.2 Barg.
300 ºC.	9.6 Barg.

WRAS Approved models - Max. Operating Temperature = 90 ºC.

Not designed to accommodate axial movement.