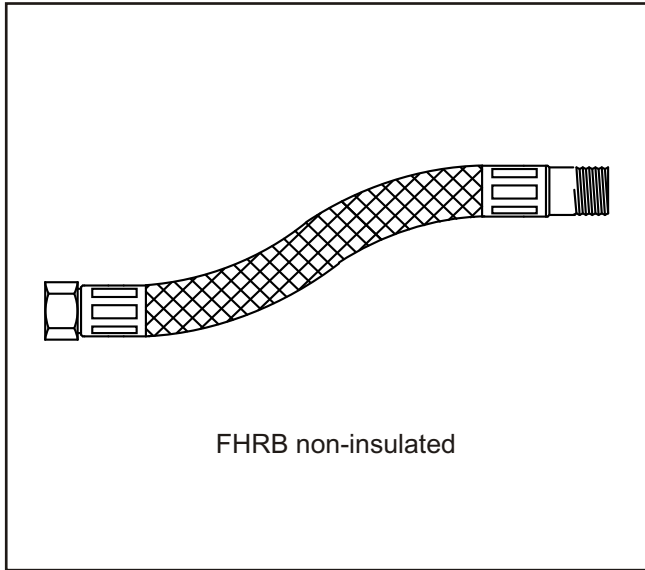


BRAIDED E.P.D.M. RUBBER HOSES (BSRIA) Model FHRB



APPLICATIONS

Braided EPDM rubber hoses are designed to reduce noise and vibration transmission from plant items. They are also widely used as final connections to terminal units such as fan coils and chilled beams.

These models have inert EPDM and brass to ALL wetted parts, and can be used accordingly on steel and copper pipes for the following applications:-

Low Temperature Heating (LTHW)
Chilled Water (CHW)

A nitrile hose liner is available for fuel oil service, which is not BSRIA tested.



Nominal Size DN (mm)	Nominal Length (mm)	Min. Static Bend Radius (mm)	End Fitting ID (mm)	Hose ID (mm)	Product Code (MODEL-SIZE-OAL-ENDS)
15	300	70	9	13	FHRB-015-300-###/###
20	300	90	14	19	FHRB-020-300-###/###
25	300	110	20	25	FHRB-025-300-###/###
15	450	70	9	13	FHRB-015-450-###/###
20	450	90	14	19	FHRB-020-450-###/###
25	450	110	20	25	FHRB-025-450-###/###
15	600	70	9	13	FHRB-015-600-###/###
20	600	90	14	19	FHRB-020-600-###/###
25	600	110	20	25	FHRB-025-600-###/###
15	750	70	9	13	FHRB-015-750-###/###
20	750	90	14	19	FHRB-020-750-###/###
25	750	110	20	25	FHRB-025-750-###/###
32	Any hose length up to 20m can be manufactured	170		32	FHRB-032
40		200		40	FHRB-040
50		250		50	FHRB-050

SPECIFICATION

FHRB - Braided model with EPDM rubber hose liner, stainless steel over braid, and brass ends.

FHRBI - Braided model with EPDM rubber hose liner, stainless steel over braid, and brass ends, complete with flexible Class '0' insulation.

End fittings can be:- threaded to BS21 / ISO7, compression joint to BS864 / EN1254 Part 2, tube end, or 'Tectite' push-fit.

Install to BSRIA* CoP 11/2002 (see also BG 4/2004)

Tested by BSRIA* - Report No.13428/1 Edition 2.

*Building Services Research & Information Authority.

12 year life expectancy.

Product Code end fittings are as follows:

FM = Fixed Male, SF = Swivel Female, CC = Copper Compression, BT = Brass Tail, TT = 'Tectite' push-fit.

OPERATING PARAMETERS

FHRB model threaded to BS21 / ISO7

Working Temperature = 90 °C.
Working Pressure = 10 Barg.
Cold Test Pressure = 15 Barg.

Higher working pressures are allowable with temperature limitations:

15mm nominal size up to 20 Barg.
20mm nominal size up to 16 Barg.

Lower maximum working pressures apply to larger size hoses:

40mm nominal size up to 6 Barg.
50mm nominal size up to 6 Barg.

Note that some end fittings can limit the maximum pressure at certain temperatures.