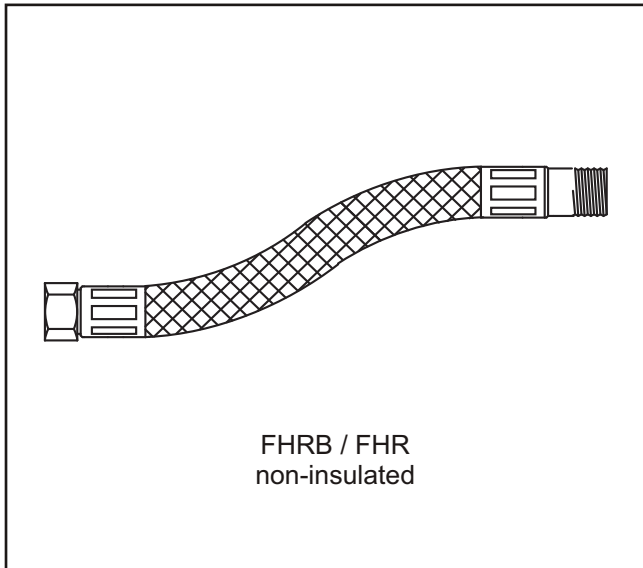


BRAIDED E.P.D.M. RUBBER HOSES

Model FHRB + FHR



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 hose assembly tested by BSRIA* is available for maximum life expectancy.

Otherwise, a standard hose assembly is available, factory tested.

A nitrile hose liner is available for fuel oil service, which is not 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	FHR(B)-015-300-###/###
20	300	90	14	19	FHR(B)-020-300-###/###
25	300	110	20	25	FHR(B)-025-300-###/###
15	450	70	9	13	FHR(B)-015-450-###/###
20	450	90	14	19	FHR(B)-020-450-###/###
25	450	110	20	25	FHR(B)-025-450-###/###
15	600	70	9	13	FHR(B)-015-600-###/###
20	600	90	14	19	FHR(B)-020-600-###/###
25	600	110	20	25	FHR(B)-025-600-###/###
15	750	70	9	13	FHR(B)-015-750-###/###
20	750	90	14	19	FHR(B)-020-750-###/###
25	750	110	20	25	FHR(B)-025-750-###/###
32	Any hose length up to 20m can be manufactured	170		32	FHR-032
40		200		40	FHR-040
50		250		50	FHR-050

SPECIFICATION

FHRB - BSRIA* tested braided model with EPDM rubber hose liner, stainless steel over braid, and brass ends. 12 year life expectancy according to BSRIA* Report No.13428/1 Edition 2.

*Building Services Research & Information Authority.

FHR - Standard braided model with EPDM rubber hose liner, stainless steel over braid, and brass ends. The EPDM liner has been subjected to fatigue testing at elevated temperature equivalent to a 10 year service period.

When suffixed 'I' the hose assembly is supplied complete with Class '0' flexible insulation.
Install to BSRIA* CoP 11/2002 (see also BG 4/2004)

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

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, BSRIA* tested model, threaded to ISO7

Operating Temperature, TS = 90 °C.
Operating Pressure, PS = 10 Barg.
Cold Test Pressure, PT = 15 Barg.

FHRB, Standard model, threaded to ISO7

Operating Temperature, TS = 85 °C.
Operating Pressure, PS = 10 Barg.
Cold Test Pressure, PT = 15 Barg.

Lower maximum operating 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 operating pressure at certain operating temperatures.