

SUPAPHEN Pipe Supports

Data Sheet

SUPAPHEN High Density Phenolic Pipe Supports

The use of factory manufactured phenolic foam insulated load bearing pipe support inserts will greatly reduce the risk of condensation on cold/chilled water pipe applications, providing continuous insulation and vapour resistance as well as enhancing the thermal insulation performance of the system.

Supaphen pipe support inserts are manufactured from high density phenolic insulation to suit a full range of diameters and thicknesses covering copper, steel and plastic pipes.

BS5970 2012 Thermal insulation code of practice recommends the use of Insulated pipe support inserts and that the pipe support bracket be fixed over load bearing insulation of the same material (or compatible with) the insulation on the pipe.

Supaphen pipe supports are supplied with a factory applied aluminium foil vapour barrier and are cut to the required length per the table below. A half metal sleeve (or full if required) is applied as standard from 48mm diameter per the table below. Supaphen pipe supports are bore coated in line with major engineering specifications.

Supaphen HD phenolic complies with the requirements of product standard EN14314.

Contact MWI for further technical data on the specification and application of Supaphen pipe supports.

Supaphen pipe supports standard specification.

Pipe Size OD	Support Length	Metal Spreader Plate	Max Support Centres	Density (kg/m ³)
15 – 42mm	100m	none	3m	80
48 – 140mm	100m	1mm	4m	80
168 – 273mm	125m	1.5mm	6m	120
298 – 457mm	200m	2mm	6m	120

Please contact MW for non standard applications i.e on roller supports or larger diameters.

Supaphen Heavy Density Phenolic	Technical Data	
Density	80kg/m ³	120kg/m ³
Colour	Grey	Grey
Thermal Conductivity Aged	0.034 W/mK	0.045 W/mK
Temperature Range	-50°C to +110°C	-50°C to +110°C
Compressive Strength (Parallel to Rise)	> 470 kPa	> 1000 kPa
Tensile Strength (Parallel to Rise)	> 520 kPa	> 800 kPa
Fire Test Classification	EN13501-1. B _L s1 d0	



Supaphen Approvals & Compliance



MW Insulation Ltd Approvals & Compliance



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