

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	100mm	none	3m	60
48-67mm	100mm	1mm	4m	60
76-159mm	100mm	1mm	4m	80
168-273mm	125mm	1.5mm	6m	120
298-457mm	200mm	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	60kg/m ³	80kg/m ³	120kg/m ³
Colour	Grey	Grey	Grey
Thermal Conductivity Aged	0.031W/mK	0.034W/mK	0.045W/mK
Temperature Range	-50C to 110C		
Compressive Strength (Parallel to Rise)	>150kpa	>470kpa	>1000kpa
Tensile Strength (Parallel to Rise)	>150kpa	>520kpa	>800kpa
Fire Test Classification	BL s1 d0		



Supaphen Approvals & Compliance



MW Insulation Ltd Approvals & Compliance



Disclaimer - The values provided are typical and accurate but subject to normal variation. The information contained on this data sheet is believed to be correct at the time of publication. MW Insulation reserves the right to amend the product data/specification without notice. MW Insulation makes no guarantees nor provides warranties about the suitability of the product for a chosen application. If in doubt or for any advice, please contact MW Insulation Ltd.