

NU-PHEN

PHENOLIC FOAM SUMMARY INFORMATION SHEET

NU-PHEN PHENOLIC FOAM:

Anglitemp's Nu-Phen is a closed cell, thermally efficient rigid foam, based on phenolic resins and containing no CFCs. Cut to accurate dimensions on CNC equipment, Nu-Phen is supplied with a factory covered Class O foil vapour barrier plus a chemically applied passivating bore coating, and meets industry requirements for OD's and wall thicknesses. Nu-Phen is manufactured in accordance with EN14314:2009+A1:2013-ZA.1

GENERAL INFORMATION

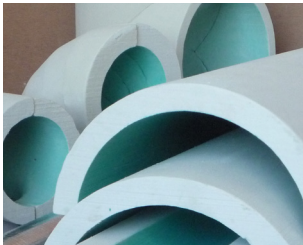
AVAILABILITY:

Nu-Phen is available as pipe sections, raddiussed and bevelled lags, and flat or slotted slabs. It can be fabricated to meet specific requirements, e.g. pipe bends, multi-layer systems, vessel dome ends, and (in HD format foam) pipe supports.

TEMPERATURE TOLERANCES

-50°C

110°C



PRODUCT APPLICATION

Applied to pipework, ducting and vessels across a wide range of temperatures, Nu-Phen meets industry standards for fire rating and smoke emission, whilst the closed-cell structure ensures excellent water vapour resistance and thermal efficiency.

Anglitemp manufactures its products under ISO9001 & ISO14001 accredited procedures.

The above information is a summary of typical performance under test conditions and due to variables on site should not be regarded as a form of product guarantee.

Additional information on this range of products can be obtained from our Sales Department.



TYPICAL PRODUCT PERFORMANCE

Density	40kg/m ³
Thermal Conductivity:	0.025 W/mK (EN12667)
Service Temperatures:	-50 to +110°C
Compressive Strength: (EN 826)	>110 Kpa (Perpendicular) >150 Kpa (Parallel)
Closed Cell Content: (EN ISO 4590)	> 90%
Fire Rating:	B ₁ -S1, d0 (EN 13501-1)

APPLICATIONS

- Marine & Petrochem
- Hospitals, prisons and schools
- Hotels and offices
- Food manufacturing
- Breweries and dairies
- Pharmaceutical plants
- Student living accomodation
- Air conditioning
- Refrigeration
- Clean / computer rooms
- Heating and ventilation