



IP Flex flexible elastomeric foam rubber insulation is closed cell construction and features low thermal conductivity and superior temperature resistance, Class 0 fire index, non-hygroscopic, shockproof and sound absorptive. IP Flex is fibre, formaldehyde and ozone-depletion free and poses no health risks. The insulation is supplied in either sheet and pipe form, widely applied in HVAC applications, ductwork, hot and cold water lines, mining pipeline systems and refrigeration applications.

* Advantages and features

1. Excellent thermal insulation - low thermal conductivity coefficients
2. Excellent acoustic insulation – reduces noise transmission
3. Non-corrosive, durable
4. Non hygroscopic
5. Class 0 fire rating
6. ASTM/SGS/BS476/UL/GB Certified

INSULPRO
Insulation products

Technical Data Sheet

PROPERTY	UNIT	VALUE	TEST METHOD
Temperature Range	°C	-183 – 110	GB/T17794-1999
Density Range	Kg/m ³	45 – 65	ASTM D1667
Water Vapor Permeability	Kg/(m.s.pa)	≤1.4*10 ⁻¹¹	DIN 52 615 BS 4370 PART 2 1973
Thermal Conductivity	W/(m.k)	≤0.030 (0°C) ≤0.032 (20°C) ≤0.037 (40°C)	BS 874 PART 2 ASTM C518 DIN 52612, DIN52613
Fire Rating		Class 0	BS 476 PART 6 PART 7
Oxygen Index	%	K1≥36	GB/T 2406, ISO4589
Dimensional Stability	%	≤5	ASTM C534
Fungi Resistance		Good	ASTM 21
Ozone Resistance		Good	GB/T 7762-1987
Resistance to U.V and weather		Good	Requires UV protect paint to supplement protection

R – VALUE (25MM WALL THICKNESS)

Pipe size	15	22	28	35	42	54	67	76	108
R-Value	1.40	1.26	1.18	1.11	1.06	1.00	0.96	0.94	0.88