

## FEATURES

- Outstanding operating temperature range
- Foam reduces sound transmission and decreases vibration
- High mass noise barrier
- Density of 25-28 kg/m<sup>3</sup>
- Adhesive PVC Foam size of 1000 mm x 600 mm x 28 mm

# RS PRO Adhesive PUR Foam Acoustic Insulation, 1m x 600mm x 28mm

RS Stock No.: 293142



RS Professionally Approved Products bring to you professional quality parts across all product categories. Our product range has been tested by engineers and provides a comparable quality to the leading brands without paying a premium price.

## Product Description

Soundproofing and noise level reduction is a necessity in today's demanding world; therefore, it is even more crucial to find the right acoustic Foam, which might be a bit of a challenge.

Suppose you want to control the acoustic level. In that case, RS PRO Self-Adhesive PUR Foam with dimensions of 1000 mm x 600 mm x 28 mm coming in a pack of 2 will assist in reducing reverberation, reflection and flutter echoes.

The thickness of 28 mm with 1 m long Foam with outstanding operating temperature parameters of -20°C up to +130°C is offering protection for the ingress of dust, moisture and chemicals to withstand unfavourable weather conditions.

## General Specifications

<b>Material</b>	PUR Foam
<b>Adhesive Backing</b>	Yes
<b>Polymer Type</b>	Open Cell Polyether
<b>Fire Resistance</b>	Self-Extinguishing
<b>Applications</b>	reducing noise level for machines in production lines, warehouses, garages, workshops etc., Automotive, Marine, Aerospace ,HVAC (Heating, Ventilation, and Air Conditioning), OEM (Original Equipment Manufacturer), Ductwork lining, Sound reduction panel in generators, boats, cars, off-road vehicles, process plant and electrical equipment

## Mechanical Specifications

<b>Length</b>	1m
<b>Width</b>	600mm
<b>Thickness</b>	28m
<b>Typical Sound Attenuation</b>	10; 25; 30dBA
<b>Specific Gravity</b>	1.95/2.05
<b>Shore Hardness 0 A</b>	60
<b>Tensile Strength</b>	2.3MPa
<b>Elongation At Break</b>	750%
<b>Weight Per Square Meter At 1.4mm</b>	3.4kg
<b>Density</b>	27-30kg/m <sup>3</sup>
<b>Thermal Conductivity</b>	0.036W/m.k
<b>Water Vapour Permeability</b>	0.05g/m <sup>2</sup> /24h
<b>Burning Class</b>	Class O
<b>Corrosion 60°C/95%R.H/24h</b>	0
<b>Burst Strength</b>	200kPa
<b>Infrared Reflectivity</b>	85%
<b>Sheet Coverage</b>	1.44m <sup>2</sup>
<b>Impact Sound Insulation</b>	56dB
<b>Airbourne Sound Insulation</b>	60dB
<b>Thermal Resistance</b>	2.05m <sup>2</sup> K/W
<b>Dimensional Stability</b>	<2% (4hr At 100°C)
<b>Surface Tension</b>	>44dynes/cm
<b>Flammability</b>	<100mm/min
<b>Sound Absorption At 12mm</b>	αw 0.30

## Operation Environment Specifications

<b>Maximum Operating Temperature</b>	130°C
<b>Minimum Operating Temperature</b>	-20°C

## Approvals

<b>Compliance/Certifications</b>	CE / UR / cUR
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