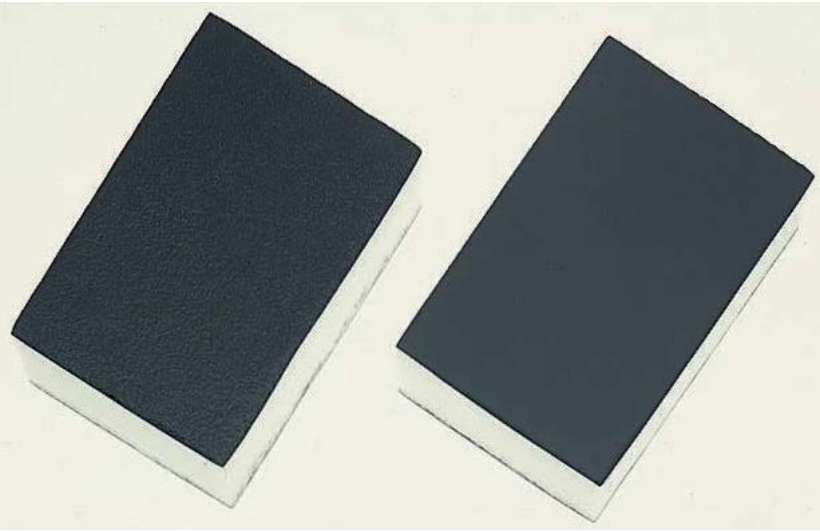
RS PRO Adhesive Polyester Fibre & PVC Barrier Acoustic Insulation 1m x 600mm x 28mm

RS Stock No.: 293-114



Features

- Noise Reducer with High Sound Absorption
- FMVSS302 Flame Retardant Polyester Infill
- Additional Heavy Duty PVC Barrier Layer
- Good Thermal Insulation
- Clear PET Facing one side, Self-Adhesive Backing on the Other
- Temperature Range of -20°C to 90°C

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

Flame retardant Polyester acoustic fibre, combined with a flexible mineral loaded vinyl barrier, a clear PET facing one side and a self-adhesive backing on the other side.
An effective sound absorber used in a wide variety of applications and industries such as automotive, marine, aerospace, HVAC, air conditioning and OEM.
Used effectively as ductwork lining, absorber panel infills, absorption linings and sound reduction panels in generators, boats, cars, off road vehicles, process plant and electrical equipment.
A flexible flame retardant open cell acoustic foam, with a controlled cell structure, offering excellent sound absorption properties. An impregnated Polyether foam, the material is very robust with good mechanical strength and may be applied to curved surfaces or compressed to fit complex and awkward shapes.

Polyester Fibre Specifications

Fibre Composition	100% Polyester
Colour	White
Density	0.2 g/cm³
Thermal Stability	< 3% Shrinkage at 160°C

PVC Specifications

Colour	Dark Grey/Black
Nominal Weight	5.0 kg/m²
Nominal Thickness	2.6 mm
Hardness	82.5 Shore 'A'
Tensile Strength	2.32 MPa
Elongation at Break	121 %
Dimensional Stability 4 Hr @ 100°C	MD -2 % XD +1%
Bend Test 10mm Mandrel Flat	No cracking No cracking
Flexibility	MD 30mm
Flammability	FMVSS302 Self-Extinguishing
Static Service Temperature	-30 to 100°C

PET Face Specifications

PET film facing provides a protective surface against dirt, grease and other contaminants ensuring the foam remains clean and in good condition	
Thickness	36 Micron
Temperature Range	-20 to 60°C

Adhesive Face Specifications

A solvent free modified acrylic, based on aqueous dispersion. It has an excellent tack combined with a high adhesive strength making it ideal for bonding to difficult surfaces. It is also APEO free.	
Support	PES/PVA Scrim
Interliner	Release Paper, yellow, 90 g/m²
Adhesive Weight	90 g/cm²
Total Thickness	0.10 mm
Temperature Resistance	-40 to 90°C
Adhesive Strength	Min 18N/25mm – contact time 1 hour
While our range of tapes are technically very good, they will be affected by the quality of the surface to which they are being bonded. A contaminated surface will prevent the adhesive bonding to the required surface, the surface should be clean, dust and grease free. Pressure is required to ensure a good bond is formed.	

Fire Resistance

FMVSS 302	< 100mm min burn rate

Approvals

Declarations	MFR Declaration of Conformity
Compliance/Certification	RoHS and REACh

Similar Products

Stock No.	Brand	Product Name	Face 1	Face 2	Thickness
293-035	RS PRO	PUR Acoustic Foam	Reinforced Foil	Adhesive Backing	25mm
293-041	RS PRO	PUR Acoustic Foam	Polyurethane Film	Adhesive Backing	25mm
293-057	RS PRO	Polyether Foam	PET Film	Adhesive Backing	25mm
293-063	RS PRO	Polyether Foam	Polyurethane Film	Adhesive Backing	25mm
293-079	RS PRO	Polyester Fibre	PET Film	Adhesive Backing	25mm
293-085	RS PRO	PUR Acoustic Foam	PET Film	Adhesive Backing	25mm
293-091	RS PRO	Polyester Fibre	Polyurethane Film	Adhesive Backing	25mm
293-108	RS PRO	PVC Heavy Layer	Adhesive Backing	Self	2.6mm
293-114	RS PRO	Polyester Fibre	PVC Barrier/SAB	PET Film	28mm
293-120	RS PRO	PUR Acoustic Foam	PVC Barrier/SAB	PET Film	28mm
293-142	RS PRO	PUR Acoustic Foam	PVC Barrier/SAB	Polyurethane Film	28mm