



### Barrier mat 7R

#### Application

##### Industry

Machine tools, fans, chip extractors.

##### Transport and contracting

Motorcars, buses, trucks, contractor's machinery, forest machinery.

##### Health care and large-scale kitchens

Dishwashing machines, air pumps.

##### Buildings

Lifts, motor rooms, fans and ducts.

##### Offices

Computers, printers, picking and enveloping machines, copying machines.

#### Method of use

The pieces are cut or punched out to the desired shape and carefully pressed on to the surface to be damped. When applying, the surface must be free from oil, dirt, and dust.

#### Product characteristics

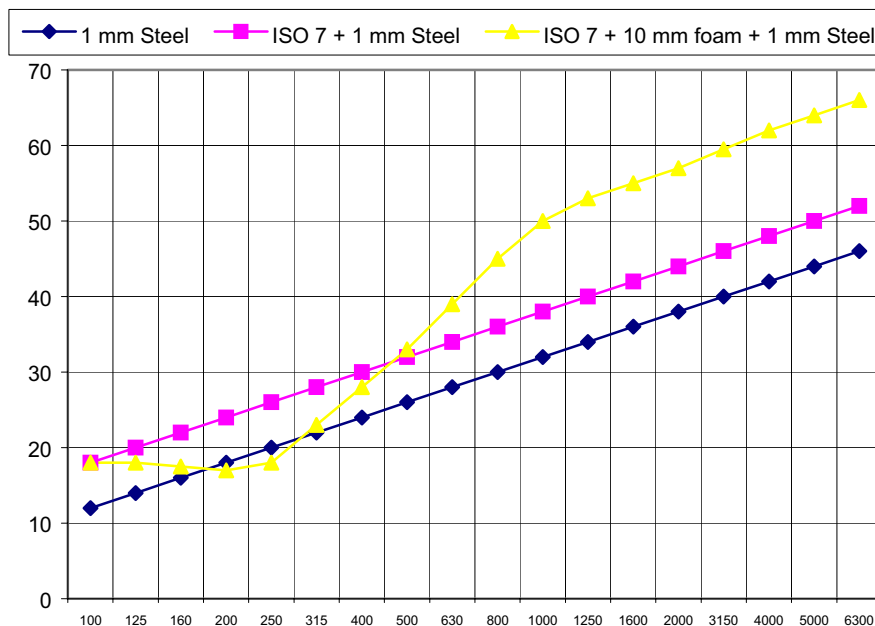
Barrier mat 7R is a self-adhesive mat of EPDM with heavy filler.

The product is flexible and easily formed.

#### Advantages

- ❑ Very good sound transmission loss
- ❑ Resistant to petrol and most chemicals
- ❑ Easy to form
- ❑ Water repellent
- ❑ Long service life
- ❑ Good adhesion
- ❑ Difficult to ignite

## Transmission Loss, $D_{TL}$ (dB)



### Frequency, Hz, Third Octave Bands

#### Technical data

Sound	
Transmission Loss	See diagram
Resistance to temperature	-25°C till + 80°C
Fire class	FMVSS 302
Adhesive's tear strength	Approx 15 N/cm test width
Colour	Black
Environment	Freon and PVC free
Thickness	4 mm
Weight	7 kg/m <sup>2</sup>
Delivery format	1200x1000 och 1500x1000 mm (Other sizes and shapes can be supplied on request)

#### Experiences

The shaping and positioning of the material is of major importance to achieve an optimal sound-dampening effect.

SONTECH has long experience of practical noise control projects in a wide range of industrial fields. These experiences can be a valuable addition to the laboratory data given in the datasheet.

SONTECH can also assist with advice and sound measurements for noise control and in the manufacture of customised material sets.

#### Designation system

Barrier mat	ISO
Weight kg/m <sup>2</sup>	7
Oder code	ISO7R

