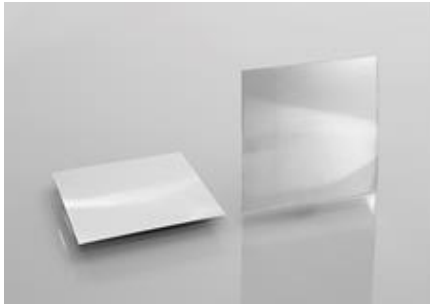


ISOLATION / ANTI-DRUMMING POLYSONIC – anti-drumming sheet



POLYSONIC	Thickness	Dimensions
EV/ALU	0,5/0,06/0,5 t/m 1,5/0,1/1,5	1000 x 2000 mm 1250 x 2500 mm
EV = electro-galvanised ALU = aluminium		

Description

Polysonic is a vibration-damping composite material consisting of two cover sheets of electro-galvanised steel type EV, aluminium type ALU separated by 0,06 or 0,10 mm. These metals are separated by a visco-elastic resin layer.

Characteristics

- High insulation properties
- It provides an outstanding attenuation of structure-borne sound while also offering good airborne sound insulating capabilities
- The interlayer contains no toxin. Heating the interlayer will cause CO₂ and H₂O
- Can be cleaned with MEK, Ethyl acetate or Isobutanol
- Temperature resistant between :
 - type N 10°C tot 75°C
 - type H 50°C tot 130°C

Application

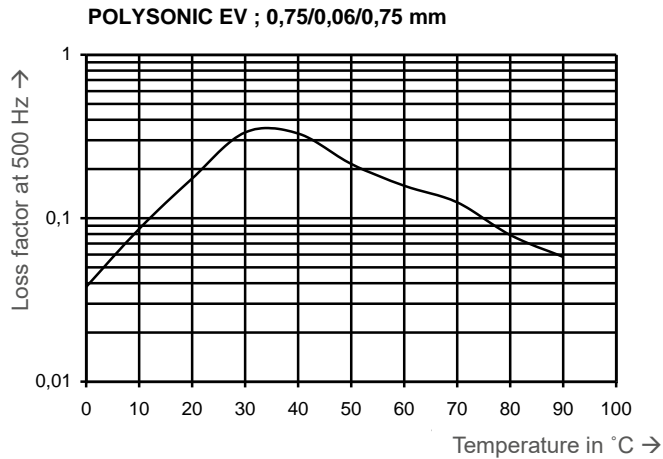
POLYSONIC is an active contribution towards the protection of the environment this applies particularly to products of the automotive and construction industries, machinery enclosures, air ducts, panels, partition walls of metal, wood and plastic

Processing

POLYSONIC can be easily cut to customer requirement
Bending, edging, corrugating will be no problem if the sheets can move in relation to each other
Mechanical connections can be applied without any preparations
Processing temperature 15°C
Polysonic waste can be dumped as coated metal scraps

LOSS FACTOR

Material : POLYSONIC EV (Elektrolytisch verzinkt staal)
 Measured in accordance with : DIN en ISO 6721-3
 Description : loss factor at 500 Hz – composition 0,75/0,06/0,75 mm



Material : POLYSONIC ALU (Aluminium)
 Measured in accordance with : DIN en ISO 6721-3
 Description : loss factor at 200 Hz - composition 1,0/0,06/1,0 mm

