

PHS Airtight Foam Combi Kit

PHS Airtight Foam Combi Kits include PHS Airtight Foam, a PHS Foam Gun with PHS Gun Cleaner and free protective eyewear.

PHS Airtight Foam is a polyurethane gun grade foam, designed to fill and seal gaps, cracks and penetrations to stop air infiltration, maintain thermal integrity and reduce the transfer of noise. It is suited to sealing around wooden, plastic and metallic window and door frames; sealing gaps, cracks and cavities that could otherwise be difficult to seal; and sealing plumbing, heating, ventilation and wiring penetrations. The **PHS Foam Cleaner** is an organic solvent mixture that removes fresh polyurethane foam and is formulated especially to clean the PHS Foam Gun after use.

Features & Benefits

- **Acoustic Insulation:** EN ISO717-1: 62dB
- **Airtight DIN 18542:** <0.02 m³/h/m² at 100 PA
- **Thermal Conductivity:** EN 12667:2001 : 0.039 (W/(m-K))
- **Water Vapour Transmission (sd):** EN 12086: 2023 : 0.31m



Technical Data

Form:	Aerosol
Colour:	Colourless
Odour:	Organic Solvents
Density at 20°C:	850kg/m ³ ≤ 0,2 % Wt. +55°C to +78°C

Technical Data

Needle:	Stainless Steel
Gun Body Material:	Aluminum Alloy
Gun Barrel Material:	Steel with Nickel Coated
Gun Barrel Length:	189mm
Gun Weight:	0.300kg
Thrust Ratio:	26:1

Technical Data

Form:	Foaming Liquid
Colour:	Blue
Odour:	Hydrocarbons
Max. Application Temperature:	+5°C to +35°C
Optimum Application:	+15°C to +20°C
Take Free Time:	12mins
Cutting Time (strip of 2cm Ø strip):	25mins
Final Curing Time:	12 hours
Density of Freely Expanded Foam:	12 – 16 kg/m ³
Density of Foam in Gap:	12 – 16 kg/m ³
Foam Yield of 750ml:	36 – 40L
Yield of 750ml Can (2cm wide strip):	70 ± 5m
Dimensional Stability:	Max. ±5%
Fire Class:	B3
Compression at 10%:	27 kPa (dry), 22 kPa (wet)
Tensile Strength:	107 kPa (wet), 90 kPa (dry)
Shear Strength:	205 kPa (wet), 162 kPa (dry)
Thermal Conductivity:	0.39 W/mK