

Silencer with gasket (GD)

Description:

Rigid silencer of galvanized steel with

- outer sheathing
- sound transparent perforated inner tube
- non-flammable absorption material sheathed in a dust cover (DN 4102)
- slide-in connections with gasket

Medium temperature	to 80°C
Flow velocity	Up to 20m/s
Absorption material	non-flammable (DN 4102)
Standard packing thickness	50mm but 25 and 100mm also available
Standard lengths	600, 900mm but 300, 1000 and 1200mm also available

$$\Delta P_{\text{tot.}} = \zeta \times \gamma / 2 \times w^2 \text{ (Pa),}$$

$\zeta_{\text{eff.}}$ = table value x silencer length (m)

γ_{Medium} = at 20°C and density kg/m³

w = air velocity in the silencer (m/s)

