



SUDO Copper

SUDO COPPER END FEED FITTINGS



- 1 High quality European copper.
- 2 SUDO logo – a Comap quality guarantee.
- 3 Diameter marking for better part identification.

SUDO BRASS AND GUN METAL END FEED FITTINGS

BRASS

- 1 Thermal treatment (on threaded female up to 1") for exceptional strength.
- 2 Brass quality complies with EN1254-1.
- 3 'A' mark on the majority of our brass range – the Comap quality guarantee.



GUN METAL



- 1 Gun metal quality complies with EN1254-1.
- 2 Marking for better identification.

Benefits

- Large range of high quality products.
- Quality complies with EN 1254-1 standards.
- Comap "A" marking ensures perfect traceability of many of our end feeds fittings.
- Thermal treatment on the majority of our brass fittings gives exceptional strength.
- Gun metal products are Full Flow guaranteed.

Application

SUDO copper end feed fittings can be used in all hot and chilled water systems, for sanitary uses and for heating. They can also be used in many industrial applications. A part of the range is suited to gas, butane, propane and natural gas circuits, depending on current legislation.

SUDO brass and gun metal end feed fittings can be used in all hot and chilled water systems, for sanitary and heating applications.

SUDO end feed fittings should only be used with EN 1057 copper pipes

SUDO end feeds suitable applications

	Sanitary	Gas	Heating	Cooling
SUDO copper	✓	✓	✓	✓
SUDO Brass	✓		✓	✓
SUDO Gun metal	✓		✓	✓

Description

SUDO end feed fittings are available for copper pipes:

- Copper end feed capillary fittings for copper pipes from 6 to 108mm.
- Brass end feed fittings for copper pipes from 10 to 76mm.
- Gun metal end feed fittings for copper pipes from 10 to 108 mm.

Product Features

- SUDO copper fittings from 6 to 108mm.
- SUDO brass fittings from 10 to 76mm.
- SUDO gun metal fittings from 10 to 108mm.
- In accordance with EN 1254-1 standards.



Maximum temperatures and pressures for copper fittings

Type of soldering	Brazing and welding examples	Temperature (in °C)	Pressure (in bar)		
			6 to 34mm	>34 to 54mm	>54 to 108mm
Soft solder	Lead/Tin	30	16	16	10
	50/50% or 60/40%	65	10	10	6
	Do not use for domestic water supply	110	6	6	6
	Tin/Silver 95/5% Tin/Copper 3% max.	30	25	25	16
		65	25	16	16
		110	16	10	10
Hard solder	Cadmium free silver 55-40% Ag	30	25	25	16
	Silver with cadmium 30% or 40% Ag	65	25	16	16
	Copper / phosphorus 94/6%	110	16	10	10
	Copper/phosphorus with 2% Ag 92/6/2%				

Working conditions for SUDO brass and gun metal end feed fittings:

- Chilled applications: 5°C/10 bar
- Heating applications: 110°C/6 bar
- Sanitary applications: 95°C/16 bar
- Water or 50% water/50% glycol

Installation

For installation of our threaded fittings, we recommend adding flat O-rings. (The use of oakum is prohibited.)

Average torque advised:

- 20Nm < ½'
- 30Nm between ½' and ¾'
- 40Nm > 1"

Warranty & Certifications

SUDO copper end feeds have the following certifications :



SUDO end feeds fittings are free from material or workmanship defects for a 10 years period as from the date of sale.

This warranty is subject to conditions. To have the details of our warranty conditions please ask your Comap representative.