

Prefab insulations



Accessories

Insulation caps for heating and cooling system

Engineering
GREAT Solutions

Prefab insulations

Prefabricated and demountable caps that make it quick and easy to minimize heat loss in heating systems and prevent condensation in cooling systems.

Key features

- > **Prefabricated**
Ensures rapid installation.



Technical description

Application:

Heating and cooling systems.
Tapwater systems.

Function:

Insulation

Temperature:

Max working temperature: 120°C
(Intermittent 140°C)
Min working temperature: 12°C
-8°C at sealed joints.

Material:

Polyurethane CFC-free

Volume weight:

50-60 kg/m³

Open cells:

<12%

Thermal conductivity at λ50°C:

0.028 W/mK

Water absorption:

<2% by volume at 20°C

Surface treatment:

Grey PVC

Fire resistance:

These insulating bonnets have been tested and approved for DIN 4102 fire resistance class B2.

Installation

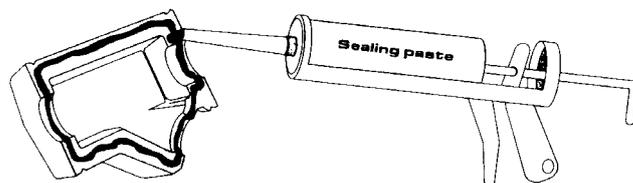
Calculate the space necessary for the insulating bonnet before assembling the pipe.

Cooling systems

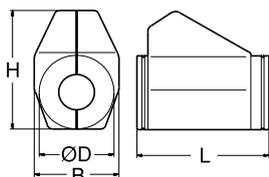
In order to prevent condensation, it is particularly important that the connection between the insulating bonnet and the anti-condensation insulation on the pipe is correctly made.

1. Fit the insulating bonnet to the valve.
2. Insulate the pipe using soft foam rubber anti-condensation insulation (e.g. Armaflex or Insul Tube foam rubber insulation).
3. Secure the anti-condensation insulation to the insulating bonnet with adhesive sealing paste.

If the insulating bonnet is removed, make sure that the insulation on the pipe is again bonded to it when it is replaced.



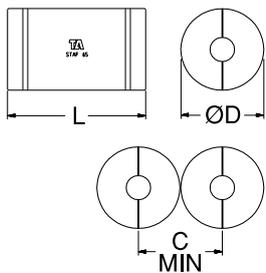
Articles



STAD

For heating/cooling

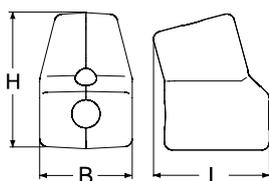
For DN	L	H	D	B	EAN	Article No
10-20	155	135	90	103	7318792839108	52 189-615
25	175	142	94	103	7318792839306	52 189-625
32	195	156	106	103	7318792839504	52 189-632
40	214	169	108	113	7318792839702	52 189-640
50	245	178	108	114	7318792839900	52 189-650



STAF, STAF-SG

For heating/cooling

For DN	L	D	C	EAN	Article No
50	390	250	252	7318792840708	52 189-850
65	450	270	272	7318792840807	52 189-865
80	480	290	292	7318792840906	52 189-880
100	520	320	322	7318792841002	52 189-890
125	570	350	352	7318792841101	52 189-891
150	660	380	382	7318792841200	52 189-892



STAP

For heating/cooling

For DN	L	H	B	EAN	Article No
15-25	145	172	116	7318793658906	52 265-225
32-50	191	234	154	7318793659002	52 265-250

