	Technical Data Sheet	FT 66	
	RUBAFLEX RUC	<i>RU thickness x Ø C</i>	ind. B
			Update 16/11/2012

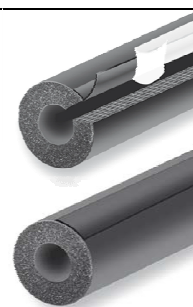
Nature & Use

Rubaflex RUC is an insulating tube based on closed-cells flexible elastomeric foam which is manufactured in pipes of several thicknesses.

The pipe is spitted and covered by a self-adhesive insulating overlap of 3mm thickness protected by an easily removable protector.

Rubaflex RUC is used to insulate heating and air conditioning systems.

The product is DIN 1988/7 supervised, and respects both Fire Class1 BS476 and Euroclasses B_L-s3,d0.



Implementation

The laying of the material must be done when the installation is stopped, respecting the temperature of the setting (see below) on a clean support, dry and without any dust.

Do not turn on the system during the 36 hours after the laying.

Tubes have to be set in contraction.

- ✓ Apply the pipe on your installation after cleaning
- ✓ Remove the protector of the adhesive parts
- ✓ Close the tube with the adhesive
- ✓ The < Ø35mm curves may be create with the self adhesive tube (make sure the join is placed at 90° to the vertical. For the > Ø42 curves, we recommand to use our STC precut curves).


The inner diameter of the sleeve used should be compatible to the outside diameter of the pipe; if there is a point with more than 1mm thickness on the pipe (welding, fitting ...), this particular point will be proceed specifically according to the recommendations and to avoid mechanical stress.

Range

Pipes (2ml length) : thicknesses 9, 13, 15,19, 25, 32, 40 and 50 mm, from Ø 15 to Ø 114 mm

Accessories : self adhesive tape, adhesive tape, glue, K-FINISH paint, precut curves (ref STC).

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Technical Characteristics

Temperature using range	from - 40°C to + 105°C
Temperature laying range	from + 10°C to + 30°C
Thermal conductivity coefficient	0,033 W/m.K at 0°C
<i>(from thickness 13mm to thickness 25mm)</i>	
Thermal conductivity coefficient	0,036 W/m.K at 0°C
<i>(from thickness 32mm to thickness 50mm)</i>	
Water vapour permeability	$\mu \geq 10\ 000$ (EN12086)
<i>(from thickness 13mm to thickness 25mm)</i>	
Water vapour permeability	$\mu \geq 7\ 000$ (EN12086)
<i>(from thickness 32mm to thickness 50mm)</i>	
Fire reaction	Euroclasse B _L -s3,d0
Storage	1 year, between + 10°C to + 30°C
Corrosion risk assessment	in accordance with the DIN 1988/7 requirements neutral pH
Chemical agents, moistures, parasites, ozone	excellent resistance
Health, environment	abestos free, CFC free, Expansion Gases free, Formaldehyde free
REACH (CE) n° 1907/2006	does not contain any substance listed on June 2012
Odor	neutral
Color	black
Application	sheltered from bad weather and sensitive to frost
Dimensional tolerancies	in accordance with EN 14304

Quality control

Roncello plant **certified UNI EN ISO 9001 : 2008 by CISQ member of IQNET.**

RUBAFLEX certified by external laboratories (LNE, FIW) who guarantee technical characteristics.

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