

Nature

SAGICAL® pipe hangers are composed of :

- PIR for the main part
- Rubber foam part glued on each side.
- Black vapour-barrier covering these three parts



The pipe hangers are held together once in place with a self-adhesive seal.

Use

This material is recommended for refrigerated pipes, air conditioning and heating equipment in order to hold pipes without creating condensation or thermal bridges on the brackets

Implementation

Hangers are easy to install during the pipe laying.

Maximum distance between 2 pipe hangers

$\text{Ø} \leq 114 \text{ mm} \rightarrow 1,5\text{m}$

$125 \text{ mm} \leq \text{Ø} \leq 160 \text{ mm} \rightarrow 2,5\text{m}$

For the $\text{Ø} > 160\text{mm}$, consult our technical service.

Insulating tubes must be joined and glued to the hangers with our specific glue (ref. : ACOL).

Joints must be covered with our insulating tape (ref. : TA15050).

Insulating tubes must be layed in a tight configuration.

Range

Exists in 13 / 19 / 25 / 32 mm thickness from diameter 10mm to diameter 219mm.

Pipe hanger : SK

Pipe hanger + Bracket : SKC



Thermal 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
Water vapour permeability	$\mu \geq 10\ 000$

Pipe Hanger Technical Characteristics

Marine classification (Bureau Veritas)	certificate of type approval 21667/A0 BV (09/04/2009)
Storage	1 year, between + 10°C to + 30°C
Fire reaction	accessory does not require fire rating LNE
Color	black
Application	shelter from bad weather and sensitive to frost
Density	80 (± 8) kg/m ³
Width	Ø ≤ 114 mm : 42 mm 125mm ≤ Ø ≤ 194 mm : 77 mm Ø > 194 mm : 92 mm
Radial pressure resistance	1000 (± 200) kPa NFT 56-101
Traction pressure resistance	550 (± 50) kPa NFT 56-107

Bracket Technical Characteristics

Threading	Ø 8 and Ø 10 mm
Traction force resistance.. ..	200 kg (security margin = 3)

The use of a load spreader plate between bracket and pipe hanger is necessary on diameters ≥ 125 mm. ARMA DECOUP automatically includes the load spreader plate for these pipe hangers and brackets (ref. SKC).