

PIPELANE SGR 1 with aluminium lining

PIPELANE SGR with lining is a pipe section made of glass wool coated with aluminium. The PIPELANE products are biosoluble and do not harm your health or the environment. They bear the quality seals EUCEB and RAL «Products made of mineral wool». Insulating material reference number in acc. with AGI work-sheet Q132: 10.04.02.50.99

Application field:

- Insulation of pipelines in heating systems, warm water pipes, industrial facilities or air conditioning ducts.
- Hot and cold insulation coupled with outstanding acoustic insulation properties.

Technical characteristics	Data		Unit	Standard
Thermal conductivity λ_D at an average temperature of	40 °C	0.035	W/mK	EN ISO 8497
	50 °C	0.036		
	100 °C	0.043		
	150 °C	0.052		
	200 °C	0.063		
	300 °C	0.093		
Heat conductivity at an average temperature of 40 °C	0.035		W/mK	EnEV
Reaction to fire	Not flammable	A2		DIN 4102-1 BS 476 Part 4 (1997) BS 476 Part 6 (1989) NF VKF
	Not flammable	Class 0		
	Not flammable	M0		
	Not flammable	5.2		
Application temperature		$\leq 280^*$	°C	
Top application temperature limit		500*	°C	EN 14707
Temperature strain on the lining		≤ 100	°C	
Specific heat capacity	c	0.84	kJ/kgK	
Special properties	– water-repellent			EN 13472, AGI Q 132 AGI Q 132
	– produced in AS quality			
Chloride ion content		≤ 10	mg/kg	EN 13468

* Organic binding agents may become partially volatile as of a temperature of ≥ 250 °C. However, this does not impair the thermal insulation properties. (EN 14707/2005) Quality-controlled in acc. with VDI 2055

The technical information is based on our present state of knowledge and our experiences. We will not assume any liability for applications in special cases under extraordinary conditions.

We are at your service at any time in case you have further questions about our products.