

SAGLAN T-R 400 (Vn/Vnl/Vs/Vsl/G)



SAGLAN T-R 400 is a insulation roll made of glass wool for industrial applications, without/with facing Vn/Vnl/Vs/Vsl/G.

Application field

– Technical insulation e.g. ventilation ducts, pipes with large diameters or large, round containers

Technical characteristics

Description	Data					Unit	Standard			
Apparent density ρ	approx. 20					kg/m ³	EN 1602			
Reaction to fire without/with facing Vn/Vnl/Vs/Vsl/G	A1					–	EN 13501-1			
Application temperature	≤ 250					°C	EN 14706			
Test load	100					Pa	EN 14706			
Water vapor diffusion	1					μ	EN 12086			
Thickness tolerance class	T2					mm	EN 823			
Water absorption	WS 1					Kg/m ²	EN 1609			
Impedance (length-related)	> 5 (AF5)					kPa·s/m ²	EN 29053			
Thermal conductivity $\lambda_{N,P}$	T	[°C]	0	10	50	100	150	200	250	EN 12667
	$\lambda_{N,P}$	[W/mK]	0.035	0.038	0.048	0.064	0.083	0.107	0.139	

Delivery types

Thickness (mm)	Width (mm)	Length (mm)	m ² /roll	m ² /pallet
25	1200	18000	21.60	388.80
30	1200	15000	18.00	324.00
40	1200	12000	14.40	259.20
50	1200	10000	12.00	216.00
60	1200	8000	9.60	172.80
80	1200	7000	8.40	151.20
100	1200	6000	7.20	129.60
120	1200	5000	6.00	108.00

Vn = Natural glass fibre fleece, Vnl = Natural glass fibre fleece, long. reinforced, Vs = Black glass fibre fleece, Vsl = Black glass fibre fleece, long. reinforced, G = Black glass fabric

For facings: See datasheet SAGLAN facings



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.