

AlkeGel

SUPERIOR PERFORMANCE

ADVANCED AEROGEL TECHNOLOGY



	AlkeGel	OTHER AEROGELS	MINERAL WOOL	CELLULAR GLASS
THERMAL CONDUCTIVITY (K) @ 100C @ 350C	0.024 W/mK 0.048 W/mK	0.024 W/mK 0.048 W/mK	0.046 W/mK 0.112 W/mK	0.048 W/mK N/A
THICKNESS @175 C	10 mm	10 mm	38 mm	38 mm
K under COMPRESSION 	K	K	K K	
DUST 				
REQUIRED PPE 				
TEMP LIMIT 	1200 C	1200 C	1100 C	482 C
WEIGHT 12" OD Pipe	1.0 lbs/ft	1.1 lbs/ft	3.1 lbs/ft	3.9 lbs/ft
HYDROPHOBICITY (water absorption) 	<5%	<16%	>90%	<5%
ACOUSTIC CONDUCTIVITY 				
CUI 	NO Leachates	NO Leachates	EXTREME AER Bulletin 2021-36	
ISO 22899-1 JET FIRE 	180 min max 225 C	90 min max 350 C		
ESG INSTALLATION LOGISTICS 	 Fast, Easy Installation * flexible to 2" OD pipe * cuts easy * durable * foil backing 	 	 60	 30

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