

### ● PRODUCT INTRODUCTION

IW-GS glass wool slab is placed in the glass of meltdown appearance proceed the fiber turn and spray the resin of solid that draw the hot silk wadding form material, then turn through hot solid the deep processing handles and can also make into the series and various products. IW-GS Glass wool slab is processed by putting the thermosetting binder into the glass wool, by pressing and heating, and then, by curing. They are widely used for insulation , ventilation and the adjustment of air-conditioner in commercial industry and residential construction. Meanwhile, it has the effect of energy-saving insulation, sound controlling and improving the indoor air quality. IW-GS glass wool slab is rigid but flexible product and no corrosion to the tank or pipe surface, easy to install and fixed with wire or banding and clip, then covered by galvanized sheet or aluminum sheet to protect the glass wool from UV, weathering influence.

### ● PRODUCT PERFORMANCE

- Low thermal conductivity
- Low temperature can be used
- Fire resistance, non-combustible A1 .
- Stable fiber structure
- Asbestos free, non-toxic
- Sound absorption, noise reduction
- Excellent stiffness and recovery characteristics



### ● PRODUCT SPECIFICATION

	IW-GS 24	IW-GS 32	IW-GS 48	IW-GS 64	IW-GS 98
THK (MM)	30-150	40-140	30-100	20-80	10-50
W (MM)	600-1200	600-1200	600-1200	600-1200	600-1200
L (MM)	1200-1200	1200-1200	1200-1200	1200-1200	1200-1200
FACING	Aluminum foil, kraft-paper, black tissue, or customized finish				
REMARK	other specification , pls contact our sales				

### ● TECHNICAL DATA

Item Name	Test Method	Standard Value	Test Value	
Service Temperature	ASTMC612-14	No warping, flaming, glowing, Smoldering and smoking	400°C	
Non-Fibrous (Shot) content (%)	ASTMC612-14 ASTM C1335-12	≤25	10.1%	
Thermal Conductivity W/ (m·k)	ASTM C612-14 ASTMC518-17 ASTM C177-19	24°C	≤0.036	0.036
		93°C	≤0.043	0.041
		204°C	≤0.061	0.056
		260°C	≤0.076	0.068
		371°C	≤0.108	0.085
Compressive Resistance at 10% deformation	ASTM C612-14 ASTM C165-07(2017)	≥2.4	32kpa	
Semi-rigid or Rigid	ASTMC612-14	Semi-rigid or Rigid	Semi-rigid	
Flame Spread Index	ASTM C612-14 ASTME84-18	≤ 25	0	
Smoke-developed Index	ASTM C612-14 ASTME84-18	≤ 50	0	
Odor Emission	ASTM C612-14 ASTMC1101/C1101M-06	A detectable odor of Objectionable nature recorded by more than two of the five panel members shall constitute rejection of the material.	None of 5 members considered the odor was objectionable and strong.	
Water Vapor Sorption by weight	ASTM C612-14 ASTM C1104/ C1104M-19	≤5.0%	2.3%	
Corrosiveness to Steel	ASTM C612-14 ASTMC665-17	≥21	46	
Resistance to Fungi	ASTM C612-14 ASTMC1338-14	Growth no greater than that a comparative item comparative	No growth apparent under 40 times magnification	