

TECHNICAL DATA SHEET

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HOLDENFLEX™

Material : Fiberglass Cloth

Characteristics: Have very high tensile strength to weight ratios, incombustible, mildew resistance and provide excellent heat protection. When exposed to heat, it neither emits flame nor toxic products.

Application Range: are applicable to all thermal insulation protection and energy conservation. This includes removable insulation pads, acoustical, flange, expansion joints, lagging and welding blankets.

Availability Size

Width: 1000mm & 1270mm

Length: 50meters

Thickness: 0.18mm – 6.0mm

ITEMS:		STANDARD	HTG
Max. Temperature		500° C	590° C
Yarn weft/wrap		33 x 33	9mu
Color		White	Gold
Weight $\pm 2\%$		1760gm ²	600gm ²
Flame spread		Class 1	Class 1
Physical Properties			
Appearance		White	White
Specify Gravity H ₂ O=1		2.52	2.52
Flashpoint		Not app	Not app
Flammable Limits		Not app	Not app
Solubility in water		Insoluble	Insoluble
Chemical Properties	SiO ₂	56-60	56-60
	CaO	14-18	14-18
	Al ₂ O ₃	05-13	05-13
	MgO	03-05	03-05
	B ₂ O ₃	06-10	06-10
	Na ₂ O	02-08	02-08
	Fe ₂ O ₃	0.2-0.8	0.2-0.8
	TiO ₂	0-1.5	0-1.5
	K ₂ O	0-2	0-2
	F ₂	0-1.0	0-1.0

Note:

All information data quoted are base on our extensive test years of experience, however, they can only serve as guide values. Failure to select proper products could result in property damage and/or serious injury. Specifications are subject to change without notice.