



The "GEISER INOX" series are thermally insulated at the factory by direct mould-injection with CFC and HCFC-free PU material.

This system guarantees a perfectly regular insulation thickness with optimum material density. The thicknesses indicated in the table refer to the circular tank body, but the insulation is much thicker on the top part (up to four times greater). Because the top part of the tank has better thermal protection, heat losses are much lower than those specified by the most stringent regulations, such as the DIN 4753/8 standard.

Rigid, mould-injected PU insulating material



- *Minimal heat loss!*
- *For hot and cold water!*
- *No condensation on tank body!*
- *Compact block, no joints!*

TABLE OF THERMAL INSULATION: GEISER INOX SERIES

Minimum thickness of equivalent insulation with other insulating materials (mm)

Serie	Type	Model	Thermal insulation k= 0.025 W/m °K	Insulation thickness PU (mm.)	Static heat losses EN 12897 (W)	ErP (EU 812/2013)	Minimum thickness of equivalent insulation with other insulating materials (mm)			
							Flexible polyurethane foam* k= 0,040 W/m °K	Rockwool* k= 0,034 - 0,042 W/m °K	Fiberglass* k= 0,035 - 0,046 W/m °K	
GEISER INOX	DOUBLE WALL	GX6-S/D/DEC 90	PU	40	45	B	65	55 - 70	55 - 75	
GEISER INOX		GX6-S/D/DEC 130	PU	40	50	B	65	55 - 70	55 - 75	
GEISER INOX		GX6-S/D/DEC 190	PU	40	58	B	65	55 - 70	55 - 75	
GEISER INOX		GX6-S/D/DEC 260	PU	40	63	B	65	55 - 70	55 - 75	
GEISER INOX		GX6-S/D/DEC 400	PU	40	99	C	65	55 - 70	55 - 75	
GEISER INOX		GX6-S/D/DEC 600	PU	40	103	C	65	55 - 70	55 - 75	
GEISER INOX		GX6-DE 140	PU	40	49	B	65	55 - 70	55 - 75	
GEISER INOX		GX6-DE 180	PU	40	53	B	65	55 - 70	55 - 75	
GEISER INOX		GX6-DE 215	PU	40	56	B	65	55 - 70	55 - 75	
GEISER INOX		GX6-DE 260	PU	40	61	B	65	55 - 70	55 - 75	
GEISER INOX		GX6-DE 400	PU	40	99	C	65	55 - 70	55 - 75	
GEISER INOX		GX6-TS 180	PU	45/160	52	B	75/260	65/220 - 80/280	65/220-85/300	
GEISER INOX		GX6-TS 240	PU	45/160	57	B	75/260	65/220 - 80/280	65/220-85/300	
GEISER INOX		GX6-P/PAC 300	PU	40	62	B	65	55 - 70	55 - 75	
GEISER INOX		GX6-P/PAC 400	PU	40	99	C	65	55 - 70	55 - 75	
GEISER INOX		GX6-P/PAC 600	PU	40	103	C	65	55 - 70	55 - 75	
GEISER INOX		GX6-P/PAC 800	PU	80	87	B	130	110 - 140	115 - 160	
GEISER INOX		GX6-P/PAC 1000	PU	80	113	C	130	110 - 140	115 - 160	
GEISER INOX		COIL STORAGE	GX-150-M1	PU	55	41	B	100	85 - 105	85 - 120
GEISER INOX			GX-200-R/M1/M2	PU	60	44	B	100	85 - 105	85 - 120
GEISER INOX	GX-300-R/M1/M2		PU	60	62	B	100	85 - 105	85 - 120	
GEISER INOX	GX-400-R/M1/M2		PU	60	75	B	100	85 - 105	85 - 120	
GEISER INOX	GX-500-R/M1/M2		PU	60	81	B	100	85 - 105	85 - 120	
GEISER INOX	GX-800-R/M1/M2		PU	80	87	B	130	110 - 140	115 - 160	
GEISER INOX	GX-800-RB/M1B/M2B		PU	80	95	B	130	110 - 140	115 - 160	
GEISER INOX	GX-1000-R/M1/M2		PU	80	113	C	130	110 - 140	115 - 160	
GEISER INOX	GX-1000-RB/M1B/M2B		PU	80	123	C	130	110 - 140	115 - 160	
GEISER INOX	GX-150-TSM		PU	45/160	55	B	75/260	65/220 - 80/280	65/220-85/300	
GEISER INOX	GX-200-TSM		PU	45/160	59	B	75/260	65/220 - 80/280	65/220-85/300	

(*) Detachable systems can lose up to 25% of the insulating capacity overall, so that in that case the insulation thickness will increase proportionally