

## Coating systems

Insulating varnish, Backlack, Custom coating

ASTM-class	IEC-class	Waelzholz varnish type	Color	Thickness per side	Continuous thermal resistance under air	Annealing resistance under inert gas	Surface resistance	Chemical resistance	Weldability
				[µin]					
C-3	EC-3	PH3	golden yellow	39.37 - 275.59	356	○	10 - 200	resistant	○
		PE75W (Backlack)	transparent	118.11 - 236.22	356	○	-----	-----	○
		PE49 (Backlack)	transparent	118.11 - 236.22	356	○	-----	-----	○
C-5	EC-5	AN50	transparent	19.69 - 59.06	410	1112	5 - 10	resistant	●
		AN50 S	transparent	19.69 - 59.06	410	1112	5 - 50	resistant	● ●
		AN50 V	grey	19.69 - 196.85	410	1472	> 50	resistant	●
		AN8	grey	39.37 - 157.48	518	1112	20 - 200	resistant	●
C-6	EC-6	PH2	grey	78.74 - 275.59	356	932	> 10,000	resistant	○
		PH2 FF	grey	78.74 - 275.59	356	932	> 10,000	resistant	○
		PH20	grey	39.37 - 118.11	356	932	> 10,000	resistant	○
		PH21	grey	78.74 - 275.59	356	932	> 10,000	resistant	○