

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
				[μm]					
C-3	EC-3	PH3	golden yellow	1.0 - 7.0	180	○	10 - 200	resistant	○
		PE75W (Backlack)	transparent	3.0 - 6.0	180	○	-----	-----	○
		PE49 (Backlack)	transparent	3.0 - 6.0	180	○	-----	-----	○
C-5	EC-5	AN50	transparent	0.5 - 1.5	210	600	5 - 10	resistant	●
		AN50 S	transparent	0.5 - 1.5	210	600	5 - 50	resistant	● ●
		AN50 V	grey	0.5 - 5.0	210	800	> 50	resistant	●
		AN8	grey	1.0 - 4.0	270	600	20 - 200	resistant	●
C-6	EC-6	PH2	grey	2.0 - 7.0	180	500	> 10,000	resistant	○
		PH2 FF	grey	2.0 - 7.0	180	500	> 10,000	resistant	○
		PH20	grey	1.0 - 3.0	180	500	> 10,000	resistant	○
		PH21	grey	2.0 - 7.0	180	500	> 10,000	resistant	○