



Isolationsverzeichnis

Insulation category index

Material / Material	Temperatur / Temperature			Beständigkeit / Resistance					
	Dauerbetrieb	Kurzzeit	Schmelzpunkt	Mechanisch	Chemisch	Feuchtigkeit	Feuer	Ozon	Wetter
	Working	Peak	Melting point	Mechanically	Chemically	Wetness	Fire	Ozone	Weather
Silikon (Standard)	-60°C +180°C	+250°C	+300°C	✗	✓	✓	○		○
Silikon (VDE)	-60°C +180°C	+250°C	+300°C	○	✓	✓	○		○
Silikon (HAR)	-60°C +180°C	+250°C	+300°C	○	✓	✓	○		✓
Silikon (UL)	-60°C +200°C	+250°C	+300°C	○	✓	✓	○		✓
Silikon (EWKF)	-60°C +180°C	+250°C	+300°C	✓	✓	✓	○		✓
Silikon (THT)	-60°C +250°C	+280°C	+320°C	○	✓	✓	○		○
Silikon (FOOD)	-60°C +180°C	+250°C	+300°C	✓	✓	✓	○		✓
Silikon (FRNC)	-60°C +180°C	+250°C	+300°C	✓	✓	✓	✓✓✓		✓
Silikon (GL)	-60°C +180°C	+250°C	+300°C	○	✓	✓	○		○
Silikon (C)	-60°C +180°C	+250°C	+300°C	✓✓	✗	✗	○		✗
Silikon (P)	-60°C +180°C	+250°C	+300°C	✓✓✓	✗	○	○		✓
Silikon (POLY)	-60°C +180°C	+250°C	+300°C	✓✓	✓	✓	✓		✓
Silikon (ABRATOP)	-60°C +250°C	+280°C	+350°C	✓✓	✓	✓	○	✓	✓✓
EVA (LEVATOP)	-50°C +150°C	+170°C	+190°C	✓✓	✓	✓✓	✗	✓✓	✓
ETFE	-100°C +150°C	+180°C	+270°C	✓✓✓	✓	✓✓	✓✓✓	✓✓	✓
FEP	-100°C +205°C	+230°C	+270°C	✓	✓	✓✓	✓✓✓	✓✓	✓
MFA	-190°C +250°C	+260°C	+280°C	✓✓	✓✓	✓✓✓	✓✓✓	✓✓	✓
MFB	-190°C +210°C	+240°C	+280°C	✓✓	✓✓	✓✓✓	✓✓✓	✓✓	✓
PFA	-190°C +260°C	+270°C	+300°C	✓✓	✓✓	✓✓✓	✓✓✓	✓✓	✓
PTFE	-190°C +260°C	+300°C	+500°C	✓✓✓	✓✓	✓✓✓	✓✓✓	✓✓	✓
Polyamide	-270°C +400°C	+500°C	+815°C	✓	✓✓	✓	✓✓✓		
Fiberglass (E)	-60°C +370°C	+400°C	+840°C	○	✓	✓	✓✓		✗
Fiberglass (R/S)	-60°C +650°C	+710°C	+880°C	○	✓	✓	✓✓		✗



hervorragend
excellent



sehr gut
very good



gut
good



bedingt
limited use



schlecht/nicht geeignet
not usable