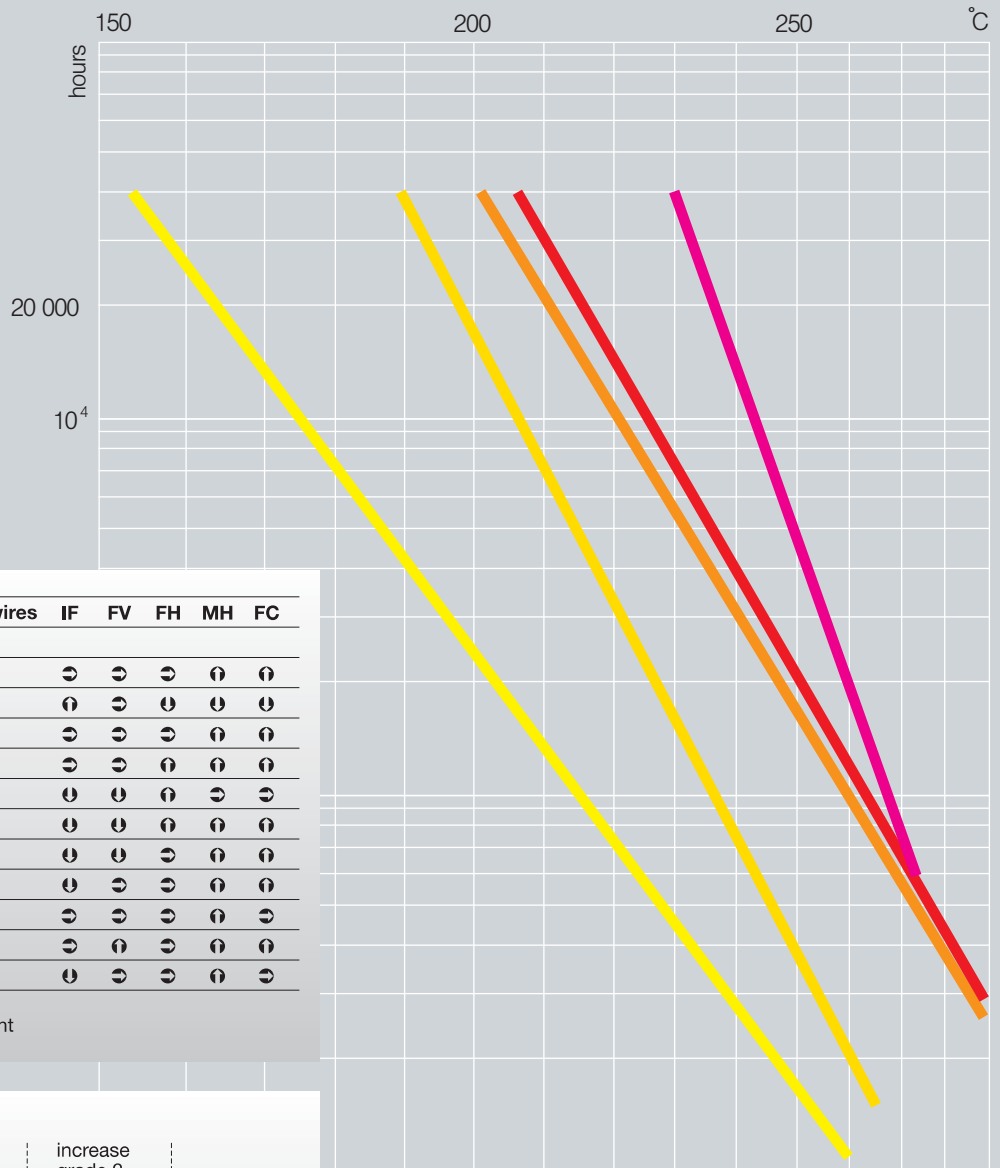


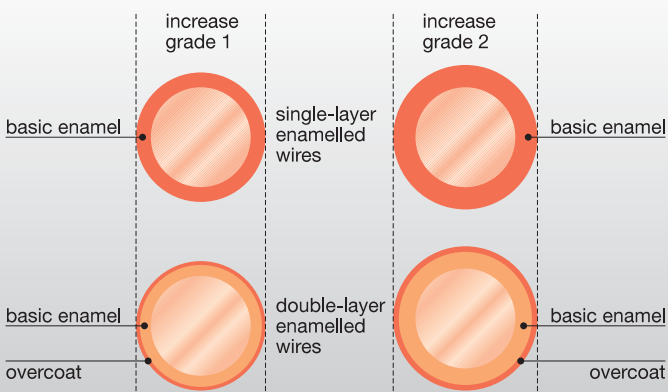
Life limit temperatures for enamelled copper wires

Life limit temperature test to DIN-EN-IEC 60172



Properties of the Isodraht enamelled wires	IF	FV	FH	MH	FC
Abrasion resistance	↔	↔	↔	↻	↻
Soldering	↻	↔	↻	↻	↻
Impregnating resistance	↔	↔	↔	↻	↻
Oil resistance	↔	↔	↻	↻	↻
Freon resistance	↻	↻	↻	↔	↔
Hydrolysis resistance	↻	↻	↻	↻	↻
Thermal overloading	↻	↻	↔	↻	↻
Thermal shock behaviour	↻	↔	↔	↻	↻
Elasticity of insulation	↔	↔	↔	↻	↔
Hairline crack avoidance	↔	↻	↔	↻	↻
Extreme processing	↻	↔	↔	↻	↔

↻ very good ↔ good ↻ insufficient



- ISOFLEX® (IF)
- FRIOTHERM® 1000 (FV)
- FRIOTHERM® 2000 (FH)
- MULTOGAN® 2000 (MH)
- DUROGAN (DH)
- FRIOTHERM® 4000 (FC)

Enamel increase for single- and double-layer systems, for given identical nominal diameter of the copper conductor