

RUPATEX® Product datasheet

RUPATEX® with triple insulation revolutionizes the construction of your transformer. Maximizing safety, minimizing costs.



Advantages

- class B or class F
- Direct tinning without prior removing of the insulation
- No interlayer insulation
- No layer insulation
- Integrated clearance and creepage distances
- Significantly shorter winding time
- Small quantities available
- Different colors available



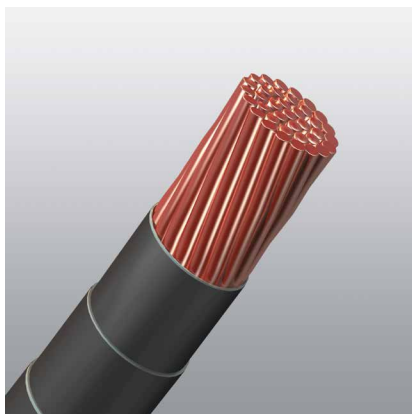
UL No.: E257248
IEC 60950



REG No.: D254

DIN EN 60950-1
DIN EN 60065
DIN EN 61558-1
DIN EN 61558-2-16
DIN EN 60601

Operating voltage:
max. 1000 Vrms
max. 1410 Vpeak



RUPATEX® Litz wire

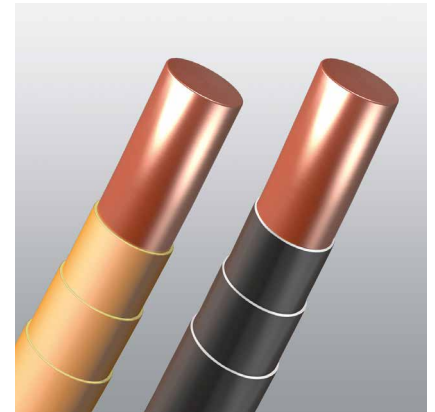
Technical data

Construction

- Enamelled copper wires (class B and class F)
- Tinned copper wires (class Fmed.)
- 0.10-1.00 mm (38-18 AWG) + 3 layers ETFE (Tefzel®)
- RUPATEX® litz wire on request

Applications

- HF transformers
- HF couplers
- HF chokes
- Electronic ballasts



class B, class F

Conductor size	Overall diameter	Article-no.	
		class B	class F
0.10 mm / 38 AWG	0.30 mm	80-0001	85-0019
0.12 mm / 36 AWG	0.32 mm	80-0002	85-0020
0.14 mm / 35 AWG	0.34 mm	80-0003	85-0021
0.15 mm	0.35 mm	80-0004	85-0022
0.16 mm / 34 AWG	0.36 mm	80-0005	85-0023
0.18 mm / 33 AWG	0.38 mm	80-0006	85-0024
0.20 mm / 32 AWG	0.40 mm	80-0007	85-0001
0.22 mm / 31 AWG	0.42 mm	80-0008	85-0025
0.24 mm	0.44 mm	80-0009	85-0026
0.25 mm / 30 AWG	0.45 mm	80-0010	85-0002
0.28 mm / 29 AWG	0.48 mm	80-0011	85-0027
0.30 mm	0.50 mm	80-0012	85-0003
0.32 mm / 28 AWG	0.52 mm	80-0013	85-0004
0.35 mm / 27 AWG	0.55 mm	80-0014	85-0005
0.40 mm / 26 AWG	0.60 mm	80-0015	85-0006
0.45 mm / 25 AWG	0.65 mm	80-0016	85-0007
0.50 mm / 24 AWG	0.70 mm	80-0017	85-0008
0.55 mm	0.75 mm	80-0018	85-0009
0.60 mm	0.80 mm	80-0019	85-0010
0.65 mm	0.85 mm	80-0020	85-0011
0.70 mm / 21 AWG	0.90 mm	80-0021	85-0012
0.75 mm	0.95 mm	80-0022	85-0013
0.80 mm / 20 AWG	1.00 mm	80-0023	85-0014
0.85 mm	1.05 mm	80-0024	85-0015
0.90 mm / 19 AWG	1.10 mm	80-0025	85-0016
1.00 mm / 18 AWG	1.20 mm	80-0026	85-0017

Tefzel® is a registered trademark of DuPont