

## Lötbare Lackdrähte Solderable Magnet Wires

Category	Solderable	Solderable	Solderable
Type	ENOFLEX-F	ENOFLEX-180	ENOFLEX-H
Standards	IEC 60317-0-1; IEC 30317-20; NEMA MW 79-C	IEC 60317-0-1; IEC 30317-51; NEMA MW 82-C	IEC 60317-0-1; IEC 30317-23; NEMA MW 77-C
Insulation Coatings	POLYURETHANE 155	POLYURETHANE 180	POLYESTERIMID solderable
Dimensions	0,07 - 2,00mm L - 2L	0,07 - 2,00mm L - 2L	0,07 - 2,00mm L - 2L
Mechanical Properties	<b>for Ø 0,30 mm</b>	<b>for Ø 0,30 mm</b>	<b>for Ø 0,40 mm</b>
Elongation	> 30 %	> 30 %	> 40 %
Springiness	< 50	< 50	< 45
Adherence Flexibility	EXCELLENT	EXCELLENT	EXCELLENT
Resistance to Abrasion	> 6,75 N	> 6,75 N	> 8 N
Bonding Temp	-	-	-
Electrical properties			
Breakdown voltage	7 KV	7 KV	8 KV
Thermal Properties			
Temperature Index	155	180	180
Cut through	2min ≥ 200°C	2min ≥ 230°C	2min ≥ 300°C
Heat shock	1d, 1/2 h ≥ 175°C	1d, 1/2 h ≥ 200°C	1d, 1/2 h ≥ 200°C
Chemical Properties			
Solvent Test	4 H	4 H	3 - 4 H
Solderability	390°C	390°C	470°C
Main uses	Suites to production systems with automated soldering equipment. Used in the manufacture of small motors, transformers, relays and magnet coils.	Suites to production systems with automated soldering equipment. Used in the manufacture of small motors, transformers, relays and magnet coils.	Typical applications: - transformers -electromagnetic coils - transducers

### Wichtiger Hinweis:

Diese technischen Informationen basieren auf Tests, die nach unserer Auffassung verlässlich sind. Die Daten sind nach bestem Wissen und Gewissen ermittelt und zusammengestellt. Sie sind jedoch keine Garantie und entbinden den Verbraucher nicht von eigenen Prüfungen! Irrtümer, Fehler vorbehalten!

### Important Note:

This technical information is based on tests which we believe are reliable. The data have been determined and compiled to the best of our knowledge and belief. However, they are not a guarantee and do not release the consumer from carrying out their own tests! Errors and mistakes reserved!