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## SHXLife® 220 Flat

- Copper flat wire, extended lifetime under electrical load
- Specifically developed for 800V+ applications
- Insulated with a modified PAI system
- Thermal class 220

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### Attributes

SHXLife® 220 Flat is designed for demanding applications in electrified drives in e-mobility – especially where high voltage levels above 800V meet limited installation space. Based on a modified PAI insulation system, this wire offers outstanding partial discharge resistance while maintaining a reduced insulation thickness for highly compact winding geometries. The special enamel system ensures high partial discharge resistance while also enabling an extremely compact winding due to its low insulation strength – with consistently high electrical strength. This compact insulation allows for higher copper fill ratios, increasing winding density without compromising insulation performance.

SHXLife® 220 Flat is designed for system voltages from 800 V and supports the development of long-lasting, efficient motors.

With high mechanical robustness, outstanding processability, and full inline testing, SHXLife® 220 Flat is ideal for modern winding concepts that require electrical reliability and compact design in one.

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