



Silcosperse™ LM Laser Marking Additive Dispersions

Silcosperse™ Laser Marking additives are laser absorbing silicone dispersions that use UV, YAG or fiber laser technologies. These dispersions provide a cost efficient and non-destructive permanent marking on silicone surfaces without affecting the dimensional stability or mechanical performance of the silicone.

Silcosperse LM dispersions can also be combined with colorants without affecting the laser marking shade or effect.

KEY CHARACTERISTICS

- Provides laser marking options of silicone materials
- Eliminates the needs for etching and embossing
- Faster and cleaner than pad printing
- High contrast, permanent markings
- Mechanical properties of the silicone matrix are maintained
- Compatible with various types of lasers
- Chemically resistant
- Available in pre-colored or natural

MARKETS AND APPLICATIONS

Silcosperse LM Laser Marking additive dispersions are suitable for a variety of applications within industries such as:

- Consumer Goods
- Electronics
- Healthcare
- Industrial
- Transportation
- Wire & Cable

Typical applications and purposes include:

- Traceability, UPC bar-coding, branding
- Unique Device Identification (UDI), medical device ID's
- Serialization for pharmaceutical packaging
- Safety taggants & equipment
- Automotive components
- Wire & cable part numbers or gauge size

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