



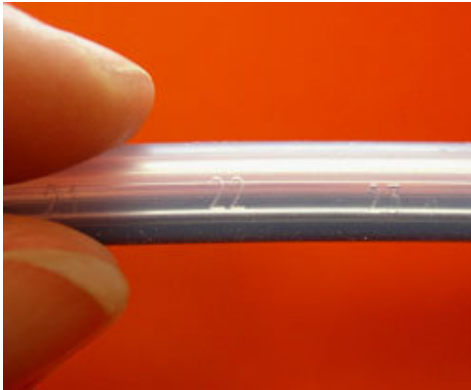
laserlines

Press Release

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Laser Marking Silicone Tubing Using Synrad Lasers

Silicone tubing is widely used in the pharmaceutical and biotechnology industries where ultra-pure fluid transfer is essential for health and safety. In addition to its flexibility and puncture-resistance, silicone tubing is free of additives that could leach into, or contaminate, fluids carried by the tubing.



This application demonstrates the feasibility of marking silicone tubing using Synrad Lasers available from Laser Lines Ltd. Using Synrad's *WinMark Pro*, a mark file was created containing 15 sets of two-digit numeric characters laid diagonally across the mark field of a Synrad *FH Series* 200 mm lens

Using 25 watts of *Power* at a *Velocity* of 508 mm per second (20 inches/sec), a string of 30 characters were marked in total in a cycle time of 0.68 seconds per string.

Laser Lines offers the complete range of Synrad lasers including the *WinMark Pro* laser marking software. For further information please contact Gary Broadhead on 01295 672500 or email garyb@laserlines.co.uk.

Readable, engraved marks were produced on this silicone tubing using 25 W at a mark speed of 20"/s.

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