

LASER APPLICATION NOTE 2200

TELESIS

ProScript®

Application:

Identification of agricultural livestock ear tags



Mark depth:

0.001 to 0.005 inch (0.0254 to 0.127 millimeters)

Material:

Plastic

Mark Type:

Alphanumeric, Logo, Barcode, 2d code

Cycle Time:

Varies for mark type. Typically less than 10 seconds

Laser Advantage:

Permanent high quality, high contrast black mark with high mark speed and ease of integration of logos and serialization.

Recommended Laser:

ProScript Nd:YAG 75 Watt and higher

Process Notes:

Using the ProScript Nd:YAG a dark mark is developed by burning the characters causing a typically black mark that is characteristically raised against the background. The type of plastic and the color of plastic will affect marking quality. Readability tests should be done when machine-readable codes are to be used.