Technical Sprays
**Special Sprays**

# WEICON Laser Marking Spray




**Enhances contrast | highly versatile | suitable for various types of lasers**

WEICON Laser Marking Spray was specially developed for high-quality, permanent and precise laser engravings. The spray is versatile in use and improves the contrast, legibility and quality of laser markings on a wide range of materials. It can be used on steel, stainless steel, copper, brass, aluminium, glass and ceramics.

When applied to the surface to be marked, the spray creates a thin, highly resistant layer. During laser marking, the material bonds with the surface to create a deep black, high-contrast marking that meets the highest standards. Thanks to the innovative formula, the spray produces an extremely scratch-resistant, chemically resistant and UV-resistant marking layer.

WEICON Laser Marking Spray is suitable for various laser types, such as $CO_2$ lasers, fibre lasers and diode lasers. It is used in industrial applications as well as for individual customisation and decoration. The spray withstands extreme temperatures ranging from -200 °C to +450 °C, with brief resistance up to +500 °C.

Compared to other marking methods, heat input is significantly reduced, which prevents any material deformation.

The laser spray can be used in industry to mark parts – facilitating traceability and identification. The laser engraving spray can be used to apply barcodes, serial numbers, type labels and QR codes to various materials. It is used for the customisation of promotional items, tools, equipment and objects made of metal, glassware and ceramic products. The spray allows logos and decorative designs to be laser marked onto various surfaces.

**Technical data**

| | | |
|---|---|---|
| Odour | | solvent |
| Silicone-free | | yes |
| Dust-dry after | | 2-3 min. |
| Minimum shelf life | at room temperature | 24 mon. |
| Temperature resistance | | -200°C to +450°C, briefly up to +500°C |
| Compatible with Double Nozzle | | yes |

**Approvals / Guidelines**

| | | |
|---|---|---|
| MIL-Spec | complies with | - |

## Application

Ensure good ventilation during use. Shake the can well before use until the mixing ball is clearly audible. Apply the spray from a distance of approx. 20 cm. The spray is dust-dry after 2–3 minutes. After laser marking, apply Cleaner Spray S to a lint-free cloth and simply wipe off any excess spray residue.

## Storage

Container is pressurised. Protect from direct sunlight and temperatures above +50 °C.

## Instructions for use

When using WEICON products, the physical, safety-related, toxicological and ecological data and regulations in our EC safety data sheets (www.weicon.com) must be observed.

## Available sizes

10105130 WEICON Laser Marking Spray, 400 ml

## Conversion table

(°C x 1.8) + 32 = °F
mm/25.4 = inch
µm/25.4 = mil
N x 0.225 = lb
$N/mm^2$ x 145 = psi
MPa x 145 = psi

Nm x 8.851 = lb·in
Nm x 0.738 = lb·ft
Nm x 141.62 = oz·in
mPa·s = cP
N/cm x 0.571 = lb/in
kV/mm x 25.4 = V/mil

To the product detail page:

Note
The specifications and recommendations given in this technical data sheet must not be seen as guaranteed product characteristics. They are based on our laboratory tests and on practical experience. Since individual application conditions are beyond our knowledge, control and responsibility, this information is provided without any obligation. We do guarantee the continuously high quality of our products. However, own adequate laboratory and practical tests to find out if the product in question meets the requested properties are recommended. A claim cannot be derived from them. The user bears the only responsibility for non-appropriate or other than specified applications.

WEICON Middle East L.L.C.
United Arab Emirates
phone +971 4 880 25 05
info@weicon.ae

WEICON Czech Republic s.r.o.
Czech Republic
phone +42 (0) 417 533 013
info@weicon.cz

WEICON GmbH & Co. KG
(Headquaters) Germany
phone +49 (0) 251 9322 0
info@weicon.de

WEICON Romania SRL
Romania
phone +40 (0) 3 65 730 763
office@weicon.com

WEICON South East Asia Pte Ltd
Singapore
Phone (+65) 6710 7671
info@weicon.com.sg

WEICON Colombia S.A.S
Colombia
Phone: +57 314 793 86 06
Email: info@weicon.co

WEICON Inc.
Canada
phone +1 877 620 8889
info@weicon.ca

WEICON Ibérica S.L.
Spain
phone +34 (0) 914 7997 34
info@weicon.es

WEICON Italia S.r.L.
Italy
phone +39 (0) 010 2924 871
info@weicon.it

WEICON SA (Pty) Ltd
South Africa
phone +27 (0) 21 709 0088
info@weicon.co.za

WEICON Kimya Sanayi Tic. Ltd. Şti.
Türkiye
phone +90 (0) 212 465 33 65
info@weicon.com.tr