Boost your
**Production**

# BöttcherFlex 746

## Elastomer sleeves for Direct Laser Engraving


Flexible Packaging

## Application

| | |
|---|---|
| **Printing press** | Flexography |
| **Substrate** | Foil, paper and composite material |
| **Ink type** | Solvent, water and UV based |

## Customer values

**Productivity:**

- By increasing the production speed with reduced vibrations through a seamless printing form and the use of DLE - ITR elastomer sleeves
- Without risk of cliché lifting
- Due to high chemical and mechanical resistance, which ensures a stable printing process

**Quality:**

- Stable dots and fine lines through active 3D shape design using direct laser engraving
- Very low dot gain due to high chemical resistance to the printing inks

**Sustainability:**

- Due to the possibility of grinding down to a smaller print repeat or recovering
- Due to lower energy consumption for imaging compared to photopolymer
- Through solvent-free cleaning after engraving the printed image

PRODUCTIVITY
QUALITY
SUSTAINABILITY

# Boost your **Production**

Böttcher Since 1725

## CHARACTERISTICS

- Suitable for engraving with fiber, CO2 and diode lasers
- Homogeneous ink transfer

Flexible Packaging

## TECHNICAL DATA

| | |
|---|---|
| **Nominal hardness** | 70 Shore A Hardness of the top layer with reference to ISO 6123-1 |
| **Material density** | 1,12 g/cm² |
| **Colour** | black |

| Chemical resistance | |
|---|---|
| Alcohol (e.g. ethyl alcohol, isopropanol/IPA) | A |
| Ester / Ketone (e.g. ethyl acetate, MEK) | A |
| UV ink | A |
| Water (50°C/95°C, 120°F/200°F) | A |
| Aliphatic hydrocarbon (e.g. mineral oil, benzine, fatty acids) | C |
| Aromatic hydrocarbon (e.g. toluene, benzene, xylene) | C |
| Ozone | A |

A = no attack B = slight attack C = strongly attacked

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