BOTTLE IT

DOsing DEVICE
There are several important factors influencing the productivity of machines used in the food and beverage industry. Of the utmost importance is cleanliness, not only from microbes but also from external pollutants from machine degradation.

For machines which operate 24/7 with production rates of several thousand of bottles per minute, equipment must perform faultlessly and be able to withstand aggressive wear and cleaning chemicals – Bodycote’s Speciality Stainless Steel Processes (SSP) provide the ultimate protection.

The device begins its journey as steel billet. Quality and purity of the steel is critical – it must be free from inclusions to generate a defect free surface.

The device is machined to tight tolerances for shape and surface perfection to ensure no leaks in the equipment.

The part is polished to a mirror finish to eliminate any remaining surface defects.

Bodycote’s SSP processing is applied to ensure the material can withstand the harsh conditions of high speed production, wear from food and drink, and attack from cleaning chemicals.

BODYCOTE COMPONENT JOURNEYS
This is just one example of how Bodycote brings together the huge wealth of knowledge and expertise from across the Group to provide the vital engineering services our customers need.

For more component journeys visit www.bodycote.com

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End application – food and beverage production.