



NAATBAT 2023

**FLEXOCONCEPTS**  
TRUPOINT DOCTOR BLADES



# Lithium-Ion Battery Production Process Improvements

## Anode & Cathodes

## Separator Films

## Calendering Rolls

### The Need:

Consistent & uniform thickness of coating separator films, anodes & cathodes.

Control the calendering process and the uniformity of the electrodes.

### The Challenge:

Steel doctor blades threaten lithium-ion battery quality & safety by creating conductive elements.

## The Solution

# High Performance Doctor Blades For Roll Doctoring & Cleaning



- Control Transfer Of Coatings
- Clean Calendar rolls of Debris
- Prevent Chances of Thermal Runaway



### Optimized for

✓ Stiffness	✓ Metering
✓ Wear	✓ Chemicals
✓ Creep	✓ Heat

# Celebrating 35 Years Leading Doctor Blade Innovation Worldwide

**1988**

Launched Flexo Concepts 1st doctor blade

**2016**

Completed Innovation Lab

**2019**

Paperless manufacturing

**2012**

Launched MicroTip on TruPoint ORANGE

**2018**

TruPoint KEON Debut at CIBF in Shenzhen

**2022**

Launched FC Marketplace



# Let's Innovate Together!

We're more than just a doctor blade manufacturer, we're your innovation partner.



## Speed

Streamlined production lines to capture growth opportunities and meet demand.



## Expertise

Innovative solutions built on 35 years of experience



## Reach

Strong partnerships that deliver best-in-class customer experiences.



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