

**REGULATORY + CHEMICAL RESISTANCE**

# GLOBAL DISPENSING SYSTEMS SUPPLIER

**NEEDLE SHIELD SEAL**

## AVIENT SOLUTION

Santoprene™ 281-55MED Natural

## WHY AVIENT?

- Used market knowledge and expertise to support customer throughout extensive material qualification process
- Worked with ExxonMobil Chemical to secure supply of material, providing a more sustainable alternative to rubber
- Provide ongoing support to help customer ensure compliance with medical regulations

## LEARN MORE

## KEY REQUIREMENTS

- Rubber replacement with sealing properties to prevent needle contamination and oxygen contact with medication in prefilled syringe
  - USP VI Compliance
  - Chemical resistance
  - Low extractables
  - No tearing