



americhem
HEALTHCARE

CASE STUDY

CUSTOMER: Global Minimally-Invasive Surgical Device Manufacturer

END APPLICATION: Laparoscopic Surgical Instrument

CUSTOMER PROBLEM: The customer needed multiple performance enhanced materials for lubricity, strength, and color. Speed of delivering samples and color matching to support prototyping and first article was also needed to help get the product to market within the shortest time frame.

AMERICHEM SOLUTION: Americhem provided multiple specialty-engineered compounds to meet diverse material selection and regulatory criteria. These included harmony with mating parts, increased flexural strength, and color consistency.

AMERICHEM PRODUCT DESCRIPTION:

- **Housing:** ColorRx® PA-2000RX
- **Internals:** InLube® PPSi, InLube® PPACFTF, InLube® PA66CFTF
- **Trigger:** InStruc® PA66GF33
- **Lever:** InLube® PCGFTF
- **Button:** ColorRx® PC-2000RX Colors

VALUE PROPOSITION: Americhem worked closely with the customer to offer an unbiased and diverse product offering to meet all necessary qualifications. Furthermore, Americhem's capability to supply materials for the complete assembly provided the total solution through early supplier involvement.

CUSTOMER SUCCESS STORY: The customer needed specialty-engineered compounds for multiple material selection criteria. Americhem not only delivered the technical requirements but rapid color matching to support rigorous quality and acceptance challenges of medical device development. Speed to market, unbiased material selection, and trusted partnership were keys to mutual success.

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