

THE FLUOROPOLYMER INDUSTRY IN THE UNITED STATES

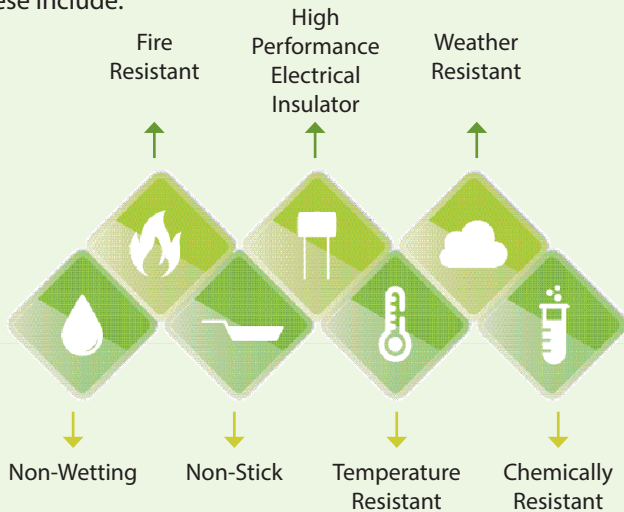
A SOCIOECONOMIC PERSPECTIVE

Prepared by the Fluoropolymer Industry with Support from AGC, Chemours, Daikin and 3M

Unique Combination of Properties

Fluoropolymers are polymers with fluorine atoms directly attached to their carbon backbone. Fluoropolymers are materials that possess a unique combination of properties, making them more efficient, versatile and critical to the products that they enable.

These include:



Fluoropolymers By the Numbers



1,500
Direct Jobs



13,500
Indirect Jobs

Downstream Jobs

Hundreds of thousands of additional jobs are supported by industries that rely on fluoropolymers.

\$520M

Trade
Surplus

\$150M

Research &
Development

(6.4% OF REVENUE OF
INTERVIEWED COMPANIES)

MEDICAL AND FIRST RESPONDERS: A CLOSER LOOK

Fluoropolymers play a critical role in modern medicine and support for our first responders. Fluoropolymers' unique characteristics enable a wide range of medical equipment used by families across the country, as well as provide superior protection from injury and death for firefighters.

1,056,200

Firefighters in the U.S.



12%

of U.S. Employed Work in Healthcare

Benefits of Fluoropolymers to the Medical Industry and First Responders:

- Reduced risk of cross-infections and medical complications
- Increased lifetime of implants, reducing risk of failure and risk of replacement
- Higher consistency of dosages, increasing effectiveness and safety of drugs
- Less frequent clogging of catheters, tubes and stents
- Water and abrasion resistance properties

Critical Medical and First Responder Uses:

- Surgically implantable medical devices such as vascular grafts
- Heart patches
- Catheters
- Diaphragm pumps
- Membranes for filtering and venting
- Breathable membranes in first responder protective clothing

