Polyester-Filled Polytetrafluoroethylene (SP-36)

SP-36 is a polyester-filled PTFE compound. It exhibits superior heat and wear resistance as compared with Virgin PTFE and graphite-filled compounds. This low friction compound is exceptionally well-suited for rotary service equipment applications. Since **SP-36** will not wear metal mating surfaces, it is recommended for low to high speed applications running against soft metals. **SP-36** is suggested for use in applications with service temperatures ranging from -320° F to +475° F (-196° C to +246° C).

Chemical Compatibility

SP-36 is compatible with most fluids and gases.

FDA Compliance

SP-36 is not FDA compliant. Request Report 50-640 for Bal Seal's definition of FDA compliant.

Mechanical Properties

Tensile Strength (typical)	ASTM D638	3000 PSI
Elongation (typical)	ASTM D638	350%

Color

Light tan to brown (color variations may occur during processing)

Advantages of SP-36

- Suitable for rotary and reciprocating applications
- Low wear rate, high temperature resistance
- Minimal wear to soft metal countersurface
- Non-conductive

For more information, contact a technical sales representative, or e-mail us at sales@balseal.com.

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