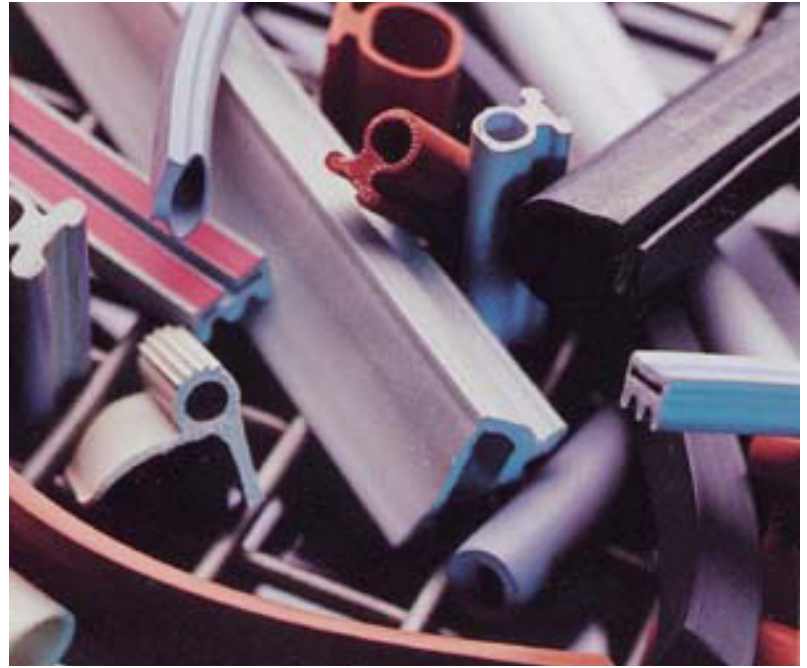


Specialty Seals



Kirkhill-TA Mfg.: The Single Source for Custom Specialty Seals for Commercial and Aerospace Applications

Kirkhill-TA's elastomer materials formulation, design engineering and manufacturing experts have decades of experience in producing seals for a variety of applications and environments. Whether your application is high tech or low tech, it's probable that the Kirkhill-TA team has assisted in the design and production of a seal similar to your requirement. This long and successful experience means you'll have a proactive partner to work with that will deliver seals that work every time and hold up over time. What's more, you'll have a partner that can produce your seal design on-time and on budget, no matter how large the run.

The Kirkhill-TA capability in specialty seals includes:

- ▶ Mechanical seals
- ▶ Fire barrier seals
- ▶ Aerodynamic seals
- ▶ Inflatable seals
- ▶ Spliced seals

Spliced Seals

- ▶ Complex or simple cross-sections
- ▶ Molded, injected and reinforced corners
- ▶ Aerospace, industrial and commercial applications
- ▶ Extruded and spliced, versus molded for cost savings

Inflatable Seals

- ▶ For doors, canopies and access panels
- ▶ Expands through internal pressure to provide positive seal under all conditions
- ▶ Seals even where there are extreme variations of sealing surface contours
- ▶ Silicone, Neoprene and natural rubber
- ▶ Kirkhill-TA provides simple solutions to complex problems

Mechanical and Fire Barrier Seals

- ▶ Reinforced with fabric, fiberglass, wire and metal
- ▶ Silicone, fluorosilicone, Viton™, neoprene, nitrile, natural rubber, and thermoplastic elastomers
- ▶ Fire wall seals withstand exposure to 2,000°F, flame up to 15 minutes
- ▶ Teflon cover – low friction surface
- ▶ Long lengths
- ▶ Tadpole, bulb/lip, center bulb & lip-type seals

Aerodynamic Seals

- ▶ Smooth airflow over aircraft surfaces
- ▶ Rudder, Aileron, Flap and elevator seals

Call Kirkhill-TA today for assistance with your next specialty seal requirement and let Kirkhill-TA industry leadership in seal design and fabrication work for you.

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