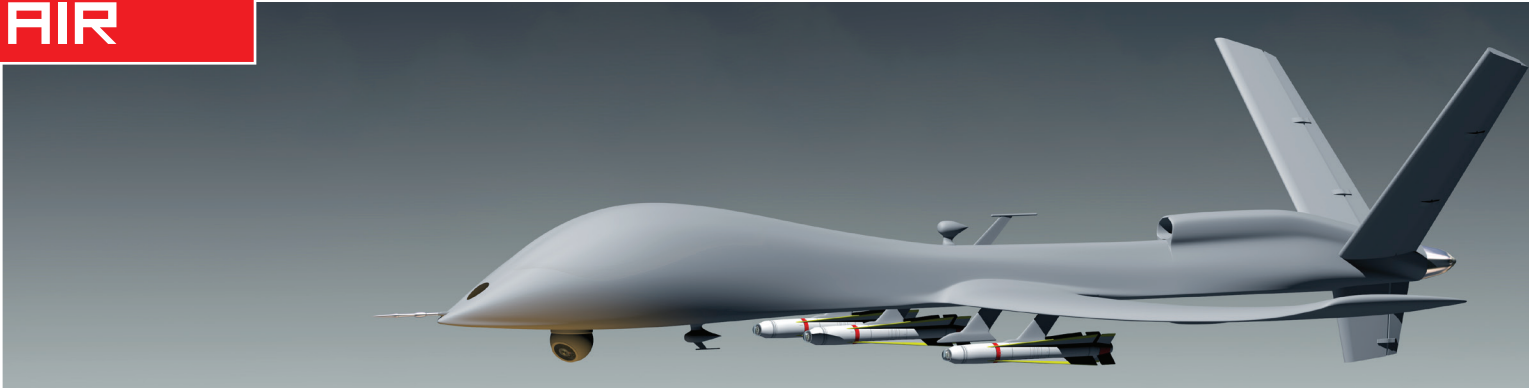


TACTICAL ADVANTAGE COMPOSITES

POLYMERS & THERMOPLASTICS FOR UNMANNED SYSTEMS

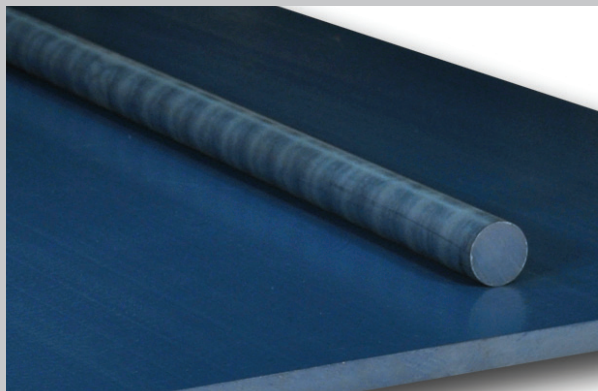
AIR



INCREASE THE SERVICE LIFE & REDUCE MAINTENANCE COSTS ON UNMANNED VEHICLES

ENGINEERING PLASTIC MATERIALS HAVE BEEN USED FOR SELF LUBRICATED PLAIN BEARINGS AND WEAR SURFACES FOR OVER 30 YEARS. THESE MATERIALS ARE DURABLE, TAKE HIGH LOADS, WITHSTAND HARSH ENVIRONMENTS, DO NOT CORRODE, AND NEED NO LUBRICATION. THE BENEFIT TO THE END USER IS INCREASED LIFE IN SERVICE WHILE LOWERING MAINTENANCE COSTS.

TECHTRON®



NAME TECHTRON® HPV

WANTED FOR:

*AEROSPACE APPLICATIONS
TO REDUCE FRICTION ON
WEAR SURFACES*

CLASSIFIED

KEY BENEFITS

LOAD CAPACITY OF 4,000PSI

FILLED WITH SYNTHETIC LUBRICANTS

RESISTANT AGAINST HIGH ENERGY RADIATION

EXCELLENT WEAR AND FRICTIONAL BEHAVIOR

INHERENT LOW FLAMMABILITY

APPLICATIONS

TURBINE BUSHINGS AND BRACKETS

BACK UP RINGS

ROLLERS FOR INTERIOR SYSTEMS

WEAR SURFACES FOR ENGINES AND NACELLES



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**SIMPLY NO
SUBSTITUTE**

KETRON®



NAME KETRON® 1000, HPV, CA30

WANTED FOR:

*AEROSPACE APPLICATIONS
TO LOWER WEIGHT AND ALLOW
FOR GREATER PAYLOAD*

CLASSIFIED

KEY BENEFITS

LOAD CAPACITY OF 7,500PSI, MODULUS TO 1.5 MILLION PSI

PASSES THE FLAME, SMOKE, AND TOXICITY REQUIREMENTS FOR INTERIORS OF COMMERCIAL AIRCRAFT

IMPROVED PERFORMANCE AND RELIABILITY

EXCELLENT CHEMICAL RESISTANCE

APPLICATIONS

PIVOT BUSHINGS ON LINK LOCK FOR A NOSE LANDING GEAR

BUSHINGS, WEAR SURFACES, AND FUEL PIPE ON NACELLES AND ENGINES

BUSHINGS AND SEAL RINGS FOR LANDING GEAR

FLUOROSINT®



NAME FLUOROSINT® 500, HPV

WANTED FOR:

*AEROSPACE APPLICATIONS
TO REPLACE COSTLY ALUMINUM
AND OTHER METAL PARTS*

CLASSIFIED

KEY BENEFITS

PROVIDE INCREASED WEAR

CONTINUOUS USE TEMPERATURES TO 500°F

9 TIMES GREATER RESISTANCE TO DEFORMATION UNDER LOAD THAN UNFILLED PTFE

PERFORM IN HOSTILE CHEMICAL ENVIRONMENTS WHILE PROVIDING DRAMATIC EFFICIENCY GAINS

APPLICATIONS

SEALS AND GASKETS FOR AIRCRAFT

ENERGIZED SEALS IN HYDRAULIC ACTUATORS

SPLIT AND ONE-PIECE SEALS

WEAR STRIPS, BUSHINGS



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