

# BOYD

CORPORATION

## COOLING SYSTEM COMPONENTS

### HEAVY DUTY TRUCKING

#### APPLICATIONS

- Radiator shrouds
- Direct air flow and eliminate under hood air recirculation
- Radiator component pieces
  - Coolant and radiator hoses
  - Metal brackets
  - Molded rubber bumpers
  - Seals
  - Edge trim

#### MATERIALS

- Flexible and rigid low cost recycled fiber reinforced masticated rubber
- Cloth inserted rubber sheeting
- Unsupported rubber sheeting
- Single to multiple ply conveyor belting for increased tensile and tear strength
- Flexible and rigid TPR/TPV plastic compounds
- Rigid polypropylene and polyethylene plastic compounds
- Steel & Aluminum brackets
  - Surface Treatments:
    - E-coat
    - Powder coat
    - Plating
    - Wet paint

#### ASSEMBLIES

- Riveting
- Stitching
- Stapling
- Gluing



Molded Mount Bumpers



Recycled Fiber-Reinforced Rubber Riveted to Aluminum Bracket



Recycled Fiber-Reinforced Rubber Stapled/Stitched to Steel Bracket



Formed EPDM Hose



Radiator Hoses



Extruded Seals



Dual Durometer Co-Extrusion Riveted to Metal

Recycled Fiber-Reinforced Rubber Stapled to Rigid Polypropylene Extrusion



Silicone Hose

Extruded & Spliced EPDM Fan Shroud Ring



Hose Assembly with Clamps



Recycled Fiber-Reinforced Rubber Riveted to Formed Steel Bracket



Recycled Fiber-Reinforced Rubber Stapled/Stitched to Polypropylene Extrusion



American Systems REGISTRAR  
ISO 9001:2008 QMS Cert #3764



## GENERAL AREAS OF EXPERTISE

- Environmental Seals & Gaskets
- Electromechanical Subassemblies
- EMI Shielding
- RFI Absorption
- Dielectric Insulation
- Electric Conduction
- Static Dissipation
- OLED & LCD Gaskets & Tapes
- Lens Adhesives & Protection
- Wound Care Products
- Metal Stamping
- Multi-Color Graphic Overlays
- Molded Rubber
- Extruded Rubber
- Rubber & Silicone Hoses
- Heat Spreading
- Thermal Management
- Acoustic Damping & Insulation
- Vibration Damping
- Shock Absorption
- Cushioning
- Adhesive Systems
- Fastening Systems
- Extruded Plastic
- Electrical Insulators
- O-Rings



### In forms of:

- Open & Closed Cell Foam
- Coated and Conductive Fabrics
- Pressure Sensitive Adhesives
- Metal Foils, Plastic Films
- Sponge
- Plastic
- Dense Rubber



## SERVICES

- Raw Material Expertise
- Rapid Quote Response and Prototyping
- Continual Support From Development to Production
- Excellent On-time Delivery
- Highest Quality Service



## CERTIFICATIONS

- TS 16949
- ISO 9001
- ISO 13485
- ISO 14001
- RoHS Compliance
- UL Recognized
- ITAR
- AS 9100
- Quality Systems
  - APQP
  - PPAP
  - FMEA
  - SPC
  - MSA
  - GR&R

## STANDARD MATERIALS

Include, but not limited to:

- EPDM
- Neoprene
- Silicone
- Nitrile
- Polyethylene
- Polyurethane
- Polypropylene
- Polyimide
- Polycarbonate
- Thermoplastic polyolefin
- Thermoplastic elastomer
- Thermoplastic vulcanizate
- Nylon
- Santoprene
- UHMW
- Cork
- Steel

