

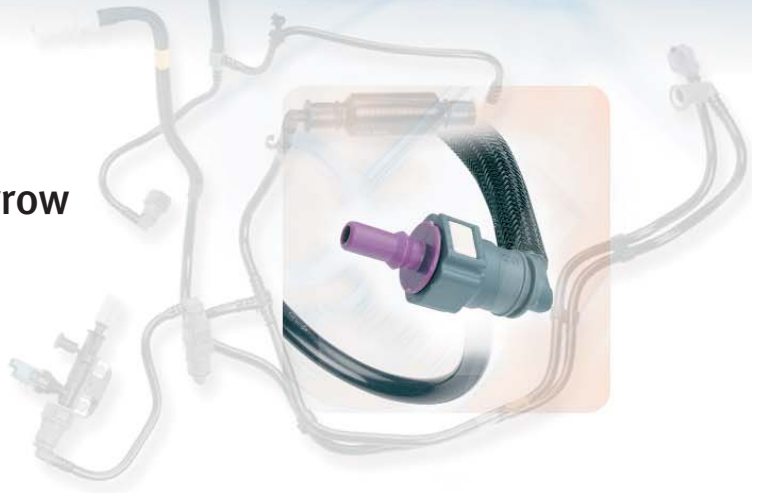
AUTOMOTIVE





Development for Tomorrow

Performance requirements and standards never stand still. Neither does Arkema. We are already developing solutions for tomorrow's under-the-hood needs. Chances are we can meet tomorrow's needs today.



Japan Organics
Recycling Association (JORA)



Rilsan® PA 11 & 12 resin: Extrusion and Injection Molding Solutions



Rilsan® Polyamide 11 & 12:

- . Rilperm® multi-layer fuel lines
- . Corrugated tubes
- . Connectors
- . Brake booster tubes
- . Cooling circuit lines
- . Hydraulic clutch tubes
- . Hot diesel fuel lines
- . Air conditioning hoses

Orgalloy® Thermoplastic Alloy:

- . Air intakes
- . Fasteners/Connectors
- . Filler necks
- . Tanks

Fuel line safety starts with conductive Rilsan® polyamides.

Today's standards for gasoline and diesel fuel lines demand conductivity and peroxide resistance. Rilperm® multi-layer fuel lines deliver that performance with new conductive Rilsan® polyamides. These grades are designed specifically to perform in the extreme conditions encountered in today's automobiles, withstanding corrosive peroxides and acids as well as hydrocarbon solvents.

It doesn't stop there. Arkema has Rilperm® multi-layer fuel line solutions for alcohol based, flexible-fuel vehicles as well. Contact us today to learn how we can develop a solution for your challenging applications.

Rilsan® polyamide has an extensive profile of applications.



Mono-wall fuel lines

The unique blend of chemical resistance and mechanical properties have made Rilsan® polyamides material of choice for mono-wall fuel lines for years.



Multi-layer fuel lines

Rilsan® polyamides are an integral part of the Rilperm® barrier technology, delivering exceptional toughness and corrosion resistance.



Corrugated fuel lines

Rilsan® polyamides are exceptional for corrugated fuel pump hoses. With years of trusted experience, we can help you design your application today.



Quick connectors

Quick connectors made with Rilsan® polyamides are light-weight, strong, and easy to assemble. Rilsan® PA offers dimensional stability and UV resistance.

Rilperm® multi-layer tubes are a premier solution for fuel and hydrocarbon transfer.

In increasingly demanding automotive environments, Rilperm® structures help Arkema customers meet the most stringent standards and specifications. Arkema recognizes that standards change regionally. We have developed customized structures, tailored to meet or surpass local requirements around the globe. Arkema wants to help you meet all your needs and specifications.

Rilperm® multi-layer tubes deliver:

- Exceptional fuel barrier performance
- Excellent mechanical properties
- Long-term aging and durability
- Flexibility
- Resistance to zinc chloride, acids, salts, grease, ozone and other chemicals
- Impact strength at low temperatures
- Excellent fitting retention

Rilperm® multi-layered fuel lines help customers optimize cost efficiency through high-speed extrusion, rapid thermoforming, and easy assembly.

Non-conductive fuel line

- High barrier properties against different fuels
- Excellent chemical resistance, e.g., acid, salt

Conductive fuel line

- High barrier properties against different fuels
- Combines excellent conductivity and chemical resistance

Clean fuel lines

- High barrier properties against different fuels
- Low levels of oligomer extraction

Our worldwide sales network can assist you in opening up new markets.

Sales offices:

Asia:

- Kuala Lumpur
- Manilla
- Tampei
- Beijing
- Seoul
- Shanghai
- Tokyo
- Kyoto
- Saigon
- Bangkok
- Singapore
- Melbourne
- Jakarta
- Murabai

Europe:

- Paris
- Birmingham
- Düsseldorf
- Amsterdam
- Milan
- Copenhagen
- Barcelona
- Zürich
- Moskow
- Praha
- Warsaw

USA:

- Philadelphia



Customer Service

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See MSDS for Health & Safety Consideration.

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