

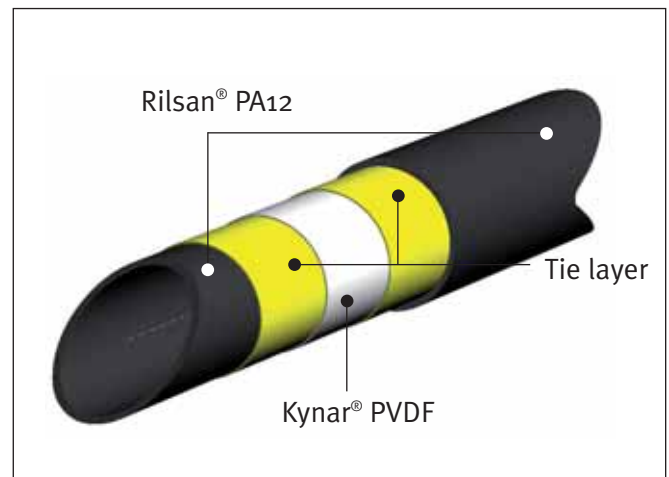
**RILPERM[®] 5010 TECHNOLOGY DELIVERS EXCELLENT FLEXFUEL RESISTANCE UP TO 125 °C
OPENING THE WAY TO FURTHER METAL AND RUBBER REPLACEMENT**



Arkema's multilayer fuel line technology

Rilperm[®] 5010 provides excellent chemical resistance to 100 % Flexfuel up to 125 °C (peak of 140°C).

The combination of high performance polyamide Rilsan[®] PA12 with highly chemical resistant Kynar[®] PVDF guarantees durability and resistance to aggressive engine environment and aggressive Biofuel attack, both flexfuel and biodiesel.



Part Description: Rilperm[®] 5010 multilayer technology

Resin featured: Rilsan[®] PA12, Tie layer, Kynar[®]

Key performances:

- Excellent resistance to 100 % Flexfuel
- Excellent resistance to ageing at elevated temperatures (125 °C with peak of 140°C)
- Outperforms monolayer and EVOH based constructs
- Lower cost than ETFE/PA12
- Excellent aging resistance in biodiesel
- Reliability
- Easy processability
- Burst strength

Sample applications: Flexfuel lines up to 125 °C

Values Delivered: Rilperm[®] 5010 technology delivers excellent Biofuel resistance opening the way to further metal and rubber replacement.

Approval: Flexfuel approvals as well as North American and European OEM upon request.

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

Sales offices:

Asia:

- Kuala Lumpur
- Manilla
- Taipei
- Beijing
- Seoul
- Shanghai
- Tokyo
- Kyoto
- Ho Chi Minh City
- Bangkok
- Singapore
- Melbourne
- Jakarta
- Mumbai

Europe:

- Paris
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- Düsseldorf
- Amsterdam
- Milan
- Copenhagen
- Barcelona
- Zürich
- Moscow
- Praha
- Warsaw

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With global brands like Rilsan®, Pebax® and Platamid®, unique products like Rilsan® PA11 and leading capacities in Rilsan® PA11 and 12, Arkema's Technical Polymers Division differentiates itself in the industry by providing its customers with global coverage and superior regional service from production and research facilities in Europe, Asia, and the USA.

A world-class chemical concern, Arkema combines three strategically related, integrated businesses: Vinyl Products, Industrial Chemicals and Performance Products. With operations in more than 40 countries and 17 000 employees, the company reported revenue of €5.7 billion in 2006. Leveraging six research centers in France, the United States and Japan and internationally recognized brands, Arkema holds leadership positions in each of its principal markets.

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