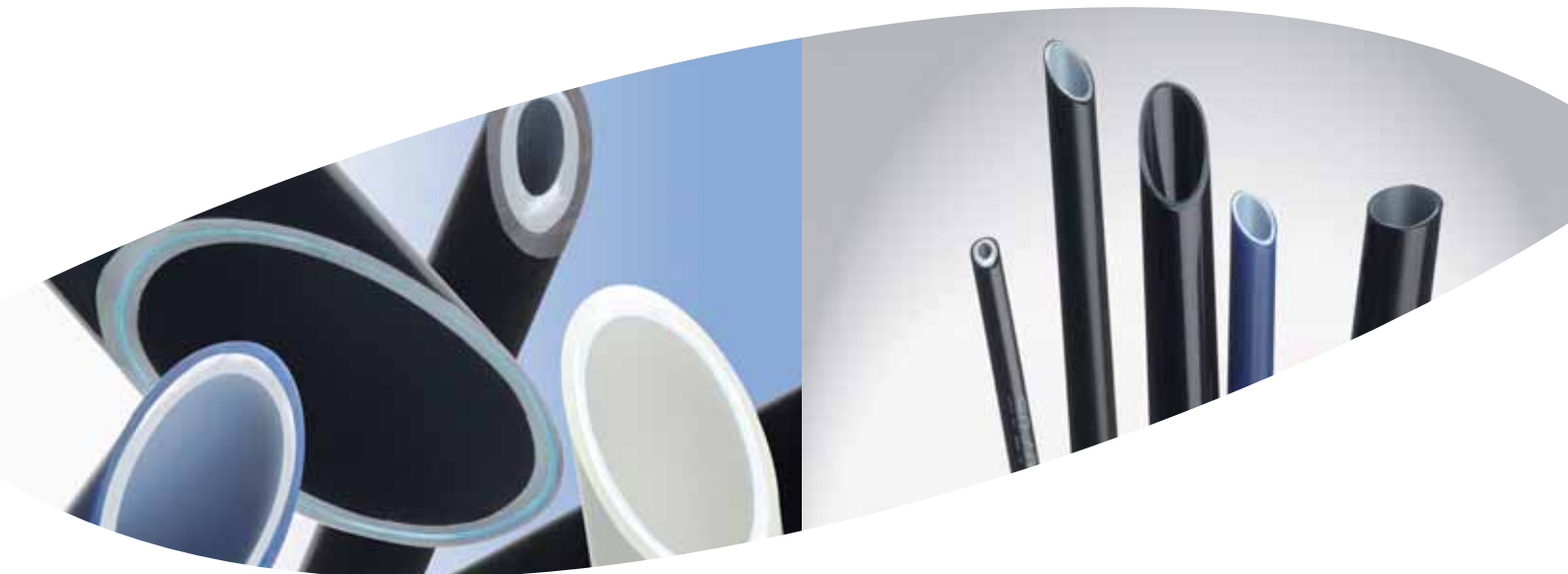
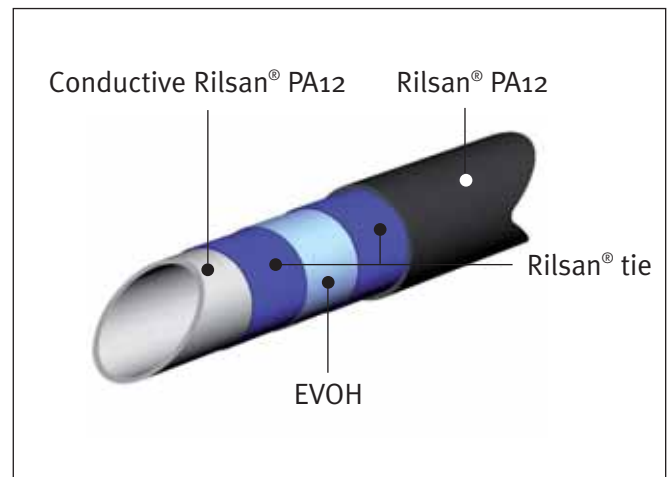


RILPERM[®] 5041 MULTI-LAYER FUEL LINES OFFER CONDUCTIVITY AND COST COMPETITIVE FUEL BARRIER FOR ETHANOL CONTAINING FUEL BLENDS



Arkema's multi-layer fuel line technology Rilperm[®] 5041 is designed to meet North American OEM conductive fuel line specifications and provides cost-effective fuel barrier for low permeation automotive fuel system applications, especially for ethanol-containing fuel blends. Rilperm[®] 5041 contains a patented conductive PA12 inner-layer which reduces the potential of spark ignition in a fuel system, resulting in an increase in passenger safety. The combination of conductivity, excellent barrier and mechanical properties with Arkema's patented Rilsan[®] tie technology assuring excellent adhesion of layers even after long-term immersion in aggressive fuels, guarantees low fuel permeation and durability. Rilperm[®] 5041 has been optimized for ease of extrusion, fitting assembly and thermoforming – adding further to cost efficiency. Rilperm[®] 5041 meets SAE J2260, SAE J1645 and most North American and European OEM specifications.



Part Description: Rilperm[®] 5041 conductive five-layer fuel line

Resin featured: Rilsan[®] PA 12, conductive Rilsan[®] PA 12, Rilsan[®] tie layer, EVOH

Key performances:

- Low permeation in ethanol-containing fuel blends
- Cost efficiency
- Conductivity according to SAE J1645
- Aging resistance in ethanol blended fuels
- Heat aging resistance Burst strength
- Easy processability

Sample applications: Low permeation conductive liquid fuel lines

Values Delivered: Rilperm[®] 5041 multi-layer fuel line balances low cost with low permeation properties including the added value of conductivity.

Approval: Approval at FORD and other OEM upon request.

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

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Customers service:

Arkema SA

420, rue d'Estienne d'Orves
92700 Colombes (France)
Tel: (+33) (0)1 49 00 80 80
Fax: (+33) (0)1 49 00 83 96

Arkema Inc.

2000 Market Street
Philadelphia
PA 19103-3222
USA
Tel : (+1) 800 628 33 91
Fax : (+1) 215 419 74 97

Arkema Quimica Ltda (Brasil)

Avenida Ibirapuera 2.033
4º Andar
Bairro : Moema
04029-901 SAO PAULO
BRASIL
Tel : (+55) 11 21 48 85 60
Fax : (+55) 11 50 51 47 80

Arkema (China)

Unit 1901-1902, Block B
Jianwai SOHO
N°39, East Third Ring Road
Chaoyang District
Beijing 100 022
P. R. CHINA
Tel : (+86) 10 5869 5620 ext. 390
Fax : (+86) 10 5869 5637

Arkema K.K (Japan)

Technical Polymers
Fukoku Seimei Bldg. 15F
2-2-2 Uchisaiwaicho
Chiyoda-ku
Tokyo 100-0011
JAPAN
Tel : (+81) 75 326 75 03
Fax : (+81) 75 326 75 24

Arkema (Korea)

11 F, Oriental Chemical
Building
50, Sogong-dong, Jung-gu
Seoul, 100-718, KOREA
Tel : (+82) 2 37 03 68 21
Fax : (+82) 2 37 03 68 91

Arkema Pte Ltd (Singapore)

#01-01A, the alpha,
Science Park 2
10 Science Park Road
117 684 SINGAPORE
Tel : (+65) 6419 9199
Fax : (+65) 6419 9001

For other regions in Asia, please contact:

Tel : (+81) 75 326 74 95
Fax : (+81) 75 326 75 24



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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See MSDS for Health & Safety Considerations

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420, rue d'Estienne d'Orves
92700 Colombes (France)
Tel: +33 (0)1 49 00 80 80
Fax: +33 (0)1 49 00 83 96
Mail: info.functional-polyofins@arkema.com
www.arkema.com

www.rilsan.com
www.rilperm.com
info.rilsan@arkema.com