

30 YEARS OF EXCELLENCE IN THE OFFSHORE INDUSTRY

KYNAR® 400 FOR FLEXIBLE PIPELINES

- ❖ Kynar® 400: API 17J certified for flexible pipelines
- ❖ Outstanding mechanical properties
- ❖ Resistant to crude oil at high temperature (130°C)
- ❖ Excellent resistance to sour environment (H₂S and CO₂)
- ❖ High blistering resistance at high temperature and pressure
- ❖ Good barrier properties to ethanol

KYNAR® POWDER COATING

- ❖ Outstanding corrosion protection
- ❖ Excellent abrasion resistance
- ❖ Adheres to metal



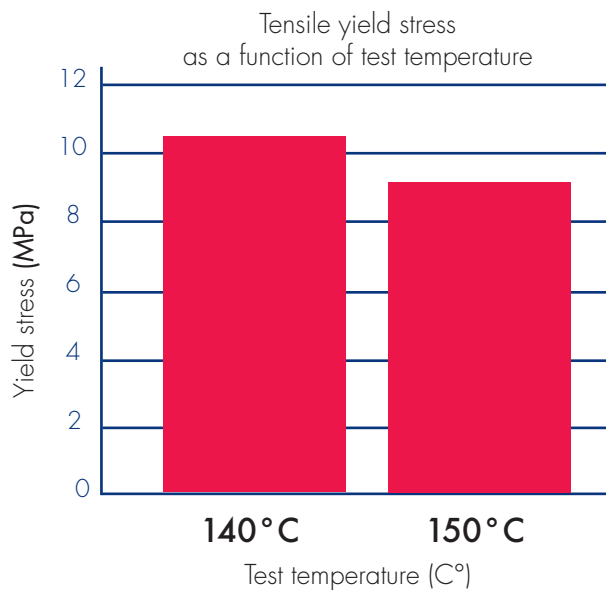
BARRIER TO FLUIDS: VERY LOW PERMEATION

Fluid	Conditions	Permeation value / cm ³ .cm/cm ² .s.barv
Methane	111°C, 100 bars	4.2 x 10 ⁻⁸
Methane	130 °C, 100 bars	9.0 x 10 ⁻⁸
CO ₂	130 °C, 110 bars	47.0 x 10 ⁻⁸
	130 °C, 485 bars	57.0 x 10 ⁻⁸
H ₂ S	130 °C, 100 bars	136.0 x 10 ⁻⁸

VERY LOW VOLUME SWELL AT 750 BARS/140°C

	CO ₂	Methane
Kynar [®] 400	8%	6%

SUPERIOR CREEP RESISTANCE AT HIGH TEMPERATURE



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Please consult Arkema's disclaimer regarding the use of Arkema's products on <http://www.arkema.com/en/products/product-safety/disclaimer/index.html>

extremematerials-arkema.com
kynar.com

Contact Information
China: +86 21 61476888
Japan: +81 3 5251 9900
Korea: +82 2 370367000
Singapore: +65 64199199
Taiwan: +886 2 27476979
India: +91 22 66137500

Arkema Inc.
900 First Avenue
King of Prussia, PA 19406
USA
Tel.: (+1) 610-205-7000

Headquarters: Arkema France
420, rue d'Estienne d'Orves
92705 Colombes Cedex - France
Tel.: +33 (0)1 49 00 80 80
Fax: +33 (0)1 49 00 83 96
arkema.com

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