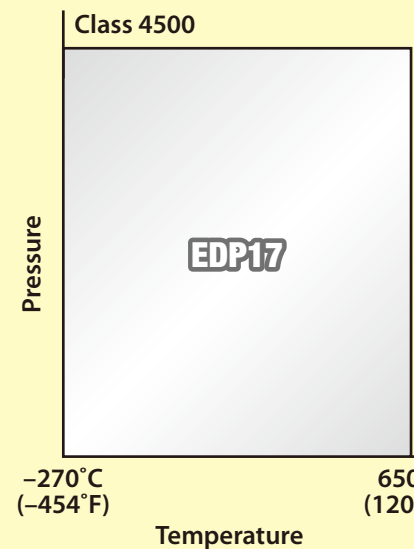
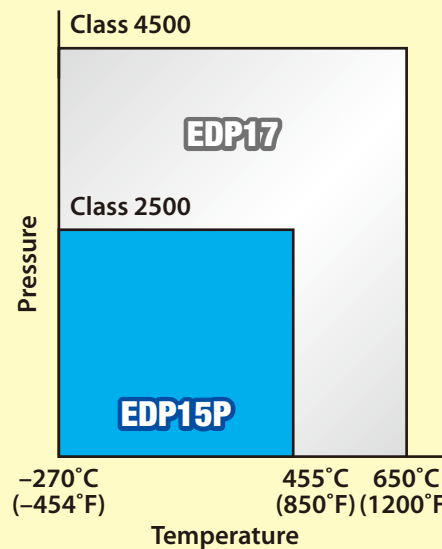


Selection Chart

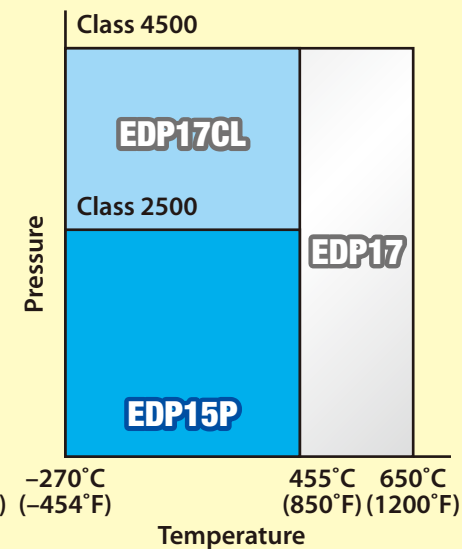
API602 : Forged Steel Valves
API603 : Stainless Steel Valves



API600 : Steel Gate Valves
API603 : Steel Globe Valves



API608 : Metal Ball Valves
API609 : Butterfly Valves



GLOBAL NETWORK



Follow the instructions, before installation and Operation, for your safety.

* Specifications and dimensions are subject to change without prior notice.

* The data on this catalogue are solely for your reference and are not to be construed as constituting a warranty.

* EDP® and PILLARFOIL® are registered trademark of Nippon Pillar Packing Co., Ltd.

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FAX +81 6 7166 8513
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info@pillar.co.jp

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Emission Defence Packing
Pillar EDP® Packing Series

EDP15P

for Valves

Contribute to the **VOC's control** for the valves

API622 Edition Certified

Excellent Performance on the API641 / Quarter-Turn Valves

Compliant with Enhanced LDAR performance requirements for valves

Excellent sealability on the cryogenic & middle temperature rage (-270°C(454°F) to 455°C(850°F))

Extremely low friction

Easy installation & handling in the field

Extremely formable with low extrusion under gland load



Packings / Gaskets / Mechanical Seals / Pilaflon(PTFE) products
NIPPON PILLAR PACKING CO., LTD.

Pillar style EDP15P (No. P/#6315CL-EDP15P) is made from high grade flexible graphite Pillarfoil® yarn that is externally reinforced by ASTM UNS N06600 (or eq.) wire mesh.

The packing is treated with a special lubricant to ensure excellent sealability.

Specifications

Temperature

-270 ~ +455°C
(-454 ~ +850°F)

On the condition the temperature of the packing remains below +350°C (+660°F)

Pressure

ASME class 2500
(43.1MPaG, 431barG, 6250psiG)

pH

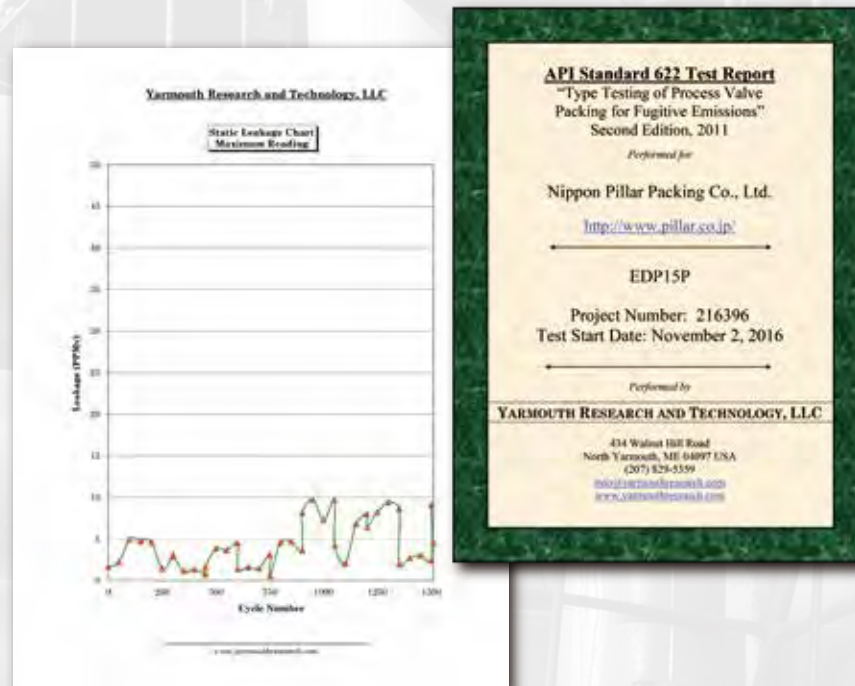
0 to 14
(Except strong oxidizers)

Applications

- 1) Refinery, Petro-chemical
- 2) Chemical
- 3) Cryogenic, e.t.c.



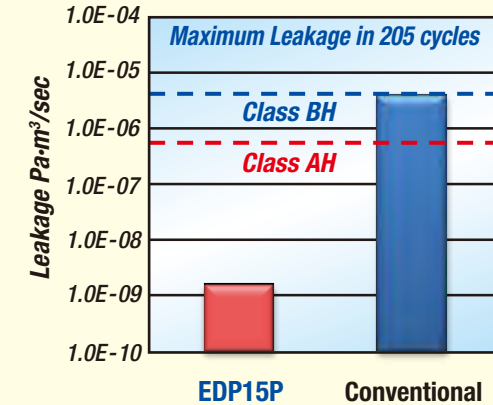
API Standard 622 certified



Evaluation Test Result / ISO15848 Class A

[Test conditions]

Medium	99% Helium
Temperature	Ambient / 400°C (750°F)
Pressure	10MPaG (1450psiG)
Number of Packing	5 rings
Packing size	ø24 x ø37
Fugitive Emission Standard	ISO15848-1/C01



Pillarfoil® Mark III Yarn

Patented Process Technology

Pillarfoil® Mark III yarn is externally reinforced by ASTM UNS N06600 (or eq.) wire mesh. Platelet blocking agents improves sealing.

Passive corrosion inhibitor

Improvement of sealability by non-permeation material.

Structure



Evaluation Test Result / API641 (Draft)

[Test conditions]

Medium	99% Methane
Temperature	Ambient / 260°C (500°F)

Pressure	4.1MPaG (600psiG)
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