



PILLAR EDP™ Packing Series

Emission Defense Packing

Designed to meet the most demanding
Fugitive Emission requirements for valves.

EDP17



PTFE
FREE

EDP17CL



EDP20



EDP15P





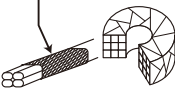
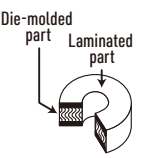


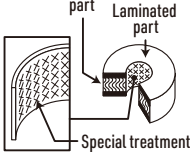


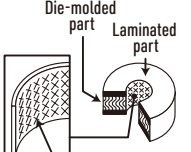


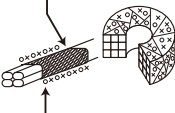


Reduced
PTFE

EDP19



PILLAR Corporation

Specification

	Material	Style	Structure	Temp.	Pressure (ASME Class)	Compliance	Outline
EDP17  	P/#6710 (Top & Bottom) Flexible Graphite Nickel alloy wire	Braided	Reinforcing the graphite by the nickel alloy wire 	-270°C to +650°C (-454 ~ 1200°F) (At oxygen atmosphere, the temp. of packing section is below to 450°C.)	77.6 MPa (776 barG) 11250 psiG (Class 4500)	API622 (Fugitive Emission) API622 (High Temperature test) API589 (Fire Safety) ISO15848-1	PTFE Free packing. Designed for high-temperature, high-pressure conditions.
	P/#6617 (Middle) Flexible Graphite	Die-molded	Die-molded part Laminated part 				
EDP17CL 	P/#6710CL (Top & Bottom) Flexible Graphite Nickel alloy wire PTFE	Braided	Reinforcing the graphite by the nickel alloy wire 	-270°C to +455°C (-454 ~ 851°F) (The temp. of packing section is below to 350°C.)	77.6 MPa (776 barG) 11250 psiG (Class 4500)	API622 (Fugitive Emission) API589 (Fire Safety) ISO15848-1	Low-torque version of EDP17. Excels in extremely low-temperature condition.
	P/#6617-CL (Middle) Flexible Graphite PTFE	Die-molded	Die-molded part Laminated part Special treatment 				
EDP20 	P/#6720 (Top & Bottom) Flexible Graphite PTFE fiber	Braided	Reinforcing the graphite by the PTFE fiber 	-270°C to +455°C (-454 ~ 851°F) (The temp. of packing section is below to 350°C.)	15.5 MPa (155 barG) 2248 psiG (Class 900)	API622 (Fugitive Emission) ISO15848-1	Non-metallic Prevent damage to control valve stem.
	P/#6617-CL (Middle) Flexible Graphite PTFE	Die-molded	Die-molded part Laminated part Special treatment 				
EDP15P  	P/#6315CL-EDP15P Flexible Graphite Nickel alloy wire PTFE	Braided	Reinforcing the graphite by the nickel alloy wire 	-270°C to +455°C (-454 ~ 851°F) (The temp. of packing section is below to 350°C.)	43.1 MPa (431 barG) 6251 psiG (Class 2500)	API622 (Fugitive Emission) API589 ISO15848-1	Applicable for OEM and MRO services. High sealing performance with our special braided structure.
EDP19 	P/#4519 PTFE fiber Carbon fiber	Braided	PTFE fiber  Carbon fiber	-29°C to +260°C (-20.2 ~ 500°F)	10.3 Mpa (103 barG) 1493 psiG (Class 600)	—	Carbon fiber core with PTFE braided cover. Lowest torque in the EDP™ series. Ideal for control valves.

 : Reduced PTFE product are manufactured with the minimum amount of PTFE content by our proprietary technology.

Test Result

On/Off Valves	Control Valves	Quarter turn Valves	ISO15848-1 Test Reference	API Test Reference
◎	○	○	<p>Gate & Globe Valve ISO 15848-1 BH C01 ANSI Class 600 RT to +400°C</p> <p>Gate & Globe Valve (Forged) ISO15848-1 BH C01 ANSI Class 800 RT to +400°C</p>	<p>API Standard 622 certified</p>
◎	◎	◎	<p>Ball Valve & Butterfly Valve ISO15848-1 BH C03 ANSI Class 600 -196°C to RT</p> <p>Control Valve ISO15848-1 AH CC1 ANSI Class 2500 RT to +200°C</p>	<p>API Standard 622 certified</p>
○	◎	○	<p>Control Valve ISO15848-1 CH CC3 with carbon ring + live load ANSI Class 300 RT to +230°C</p>	<p>API Standard 622 certified</p>
◎	◎	◎	<p>Gate Valve & Globe Valve ISO15848-1 BH C02 ANSI Class 600 RT to +400°C</p> <p>Ball Valve & Butterfly Valve ISO15848-1 BH C03 ANSI Class 600 RT to +200°C</p>	<p>API Standard 622 certified</p>

◎: Recommendation ○: Available

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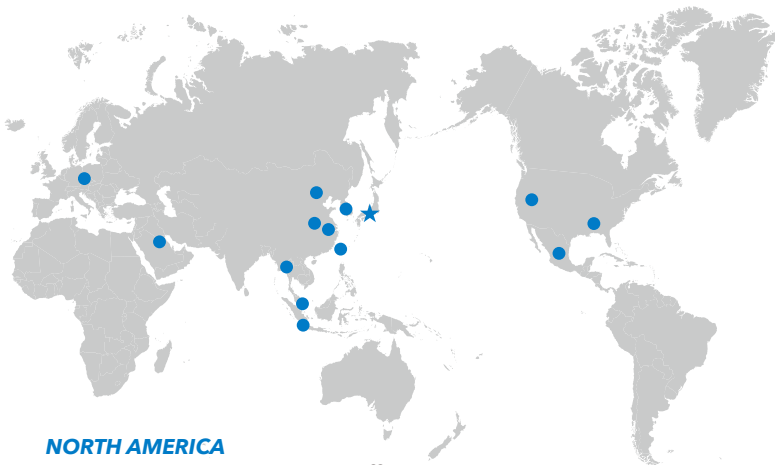
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CAUTION

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.
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