

# DIMAX PE TAIL GATE VALVE PN16 RESILIENT SEATED

Designed and Manufactured  
to AS/NZS 2638.2 & WSA PS-278



## RANGE OVERVIEW

Ductile Iron body and bonnet for high strength and impact resistance

Ductile Iron gate fully encapsulated in EPDM elastomer to ensure drop tight sealing

Grade 431 stainless steel spindle for high strength and corrosion resistance

Seal housing incorporates triple O-ring seals and dust seal for long life operation

Back seal facility to allow for replacement of seals under full operating pressure

Fusion bonded polymeric coating for long life corrosion protection

Straight through full bore to avoid debris traps

Isolated fasteners for corrosion protection

Low operating torques

Black PE100 SDR11 Tails

Anticlockwise closing or clockwise closing available

Lilac caps available for recycled water applications

ACC – Lilac with Black Plug  
CC – Lilac with Red Plug

Key or hand wheel operation

## DESCRIPTION

The DIMAX range of Resilient Seated Gate Valves is designed and manufactured to AS/NZS 2638.2, AS/NZS 4158 and WSA PS-278. Super light, easy to lift and with low operating torque, operation is fast and efficient.

## GENERAL APPLICATION

DIMAX PE Tail Resilient Seated Gate Valves are suitable for use in water, sewer and neutral liquid applications in below or above ground applications. Used for the isolation of sections and branches in pipelines.

## TECHNICAL DATA

**Size Range**  
DN100 (125PE) – DN150 (180PE)

**Operation**  
Anti Clockwise Close (Blue Cap/ Black Plug)  
Clockwise Close (Red Cap/ Red Plug)

**Allowable Operating Pressure**  
1600kPa

**Maximum Temperature\***  
Max Design Temperature = 70°C  
AS/NZS 4020 Temperature = 40°C

**End Connections**  
PE100 SDR11

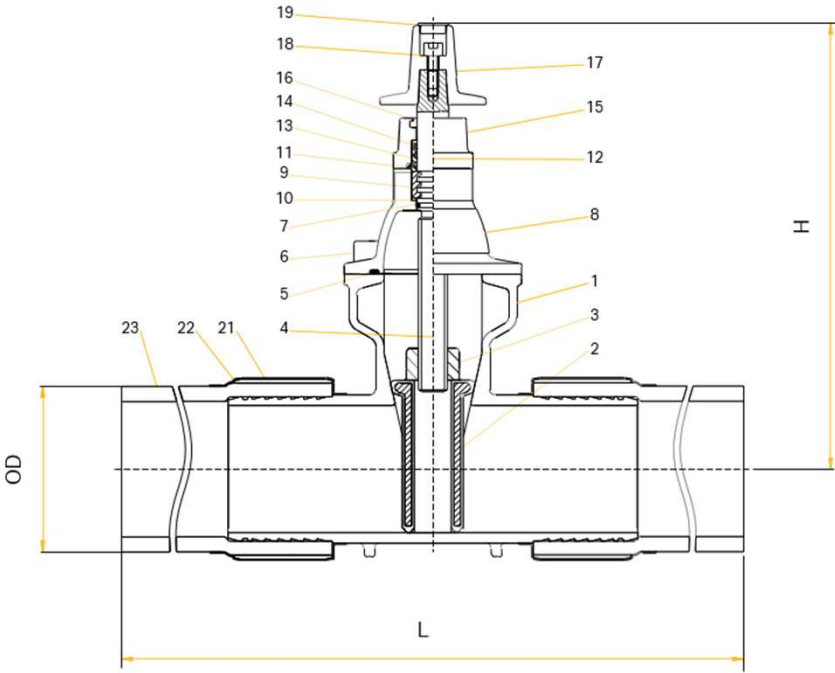
**Coating**  
Fusion Bonded Polymeric Coating to AS/NZS 4158

*\* Note: Always observe pipe material recommended operating temperatures*

# DIMAX PE TAIL GATE VALE

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NOMINAL SIZE DN	OD	L mm	H mm	WEIGHT kg
100	125	920	330	23
150	180	950	425	48

No	Description Material / Standard
1	Body SGI Grade 450-10
2	Wedge SGI Grade 450-10/EPDM Coated
3	Wedge Nut Bronze - Grade C95210
4	Spindle 431 Stainless Steel
5	Gasket EPDM Rubber
6	Socket Screw 316 Stainless Steel
7	O-Ring NBR Rubber
8	Bonnet SGI Grade 450-10
9	Thrust Collar Bronze - Grade C95210
10	Washer Brass
11	O-Ring NBR Rubber
12	Socket Screw 316 Stainless Steel
13	Gland Bush Bronze - Grade C95210
14	O-Ring NBR Rubber
15	Gland SGI Grade 450-10
16	Dust Seal NBR Rubber
17	Spindle Cap SGI Grade 450-10
18	Socket Screw 316 Stainless Steel
19	Protection Cap LDPE
20	Eye Bolt 316 Stainless Steel
21	Sleeve 304 Stainless Steel
22	Shrink Film Plastic
23	PE Pipe PE100 - SDR11 - Black

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### DESIGNED AND MANUFACTURED TO

AS/NZS 2638.2 – Gate Valves for Waterworks Purposes - Part 2: Resilient Seated  
AS/NZS 4158 – Thermal-bonded polymeric coatings on valves and fittings for water industry purposes  
AS/NZS 4020 – Testing of products for use in contact with drinking water  
WSA PS-278 – Gate Valves, Resilient Seated, with Integral Polyethylene (PE) Ends for Pressure Applications – Water Supply and Sewerage

