RUPTURE DISC

MADE IN GRAPHLOR® 3

A LARGE RANGE OF SERIES
SPLIT INTO 2 CATEGORIES

Reference F26_1_E

REMOVABLE MEMBRANE (Holder and grids can be reused)

Serie 1

Serie 2

Serie 7

SINGLE PIECE (single use only)

Serie 3

Serie 4

Serie 5

Serie 6

Serie 8

WHY & WHAT IS a rupture disc ?

- Rupture discs are, next to safety vales, the most commonly used pressure protection devices in industrial plants

- A bursting disc is a safety device with precisely defined a breaking point, which respond to a predeterminated pressure

- They are used to protect against accidendal overpressure or vacuum, within a process for the protection of people, environment and machine

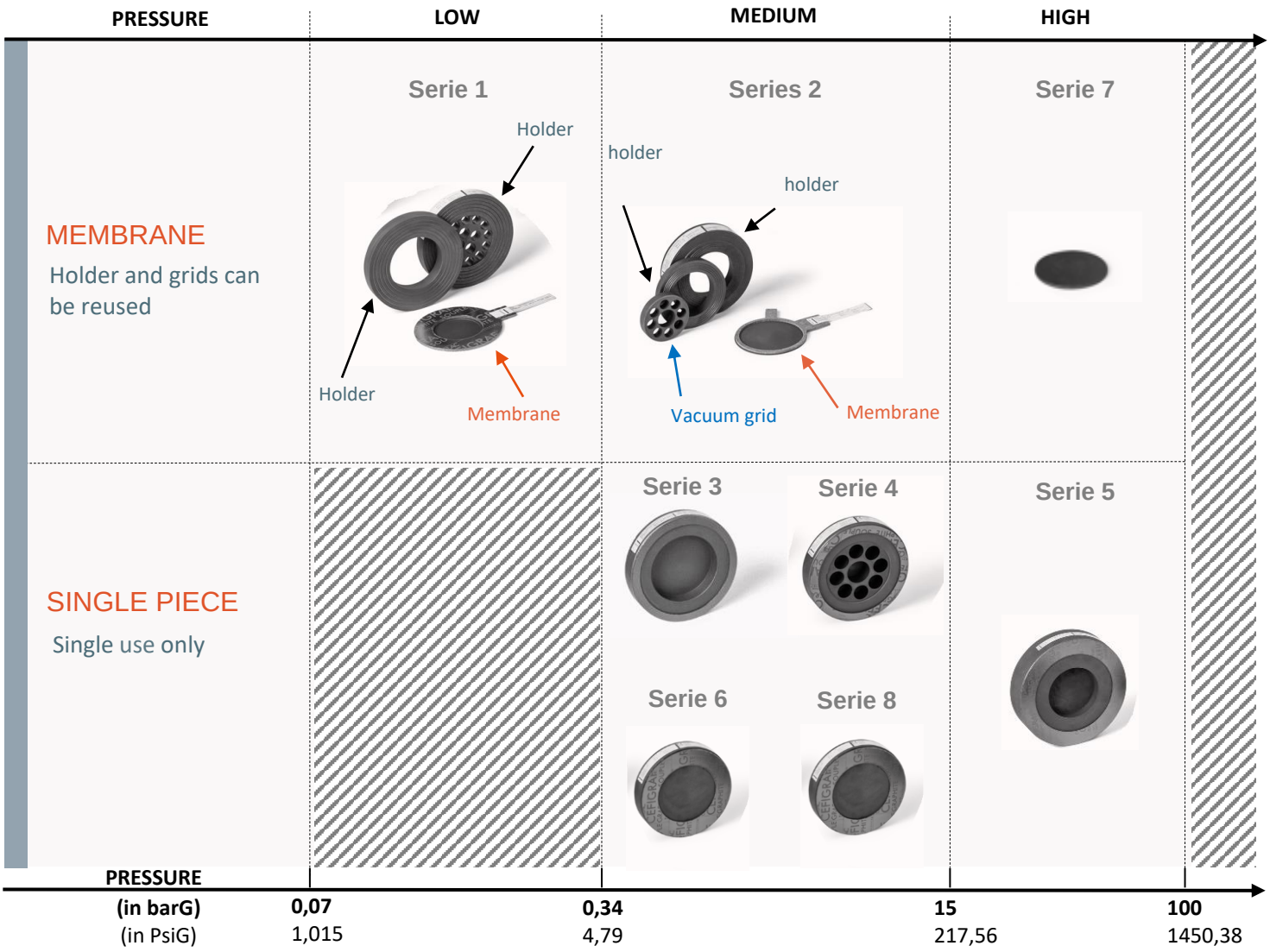
- It is the ultimate device to be protected against accidents

Info.pagny@mersen.com

MERSEN

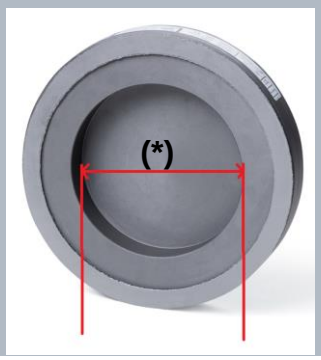
HOW TO SELECT YOUR RUPTURE DISC ?

#1 : BY KNOWING THE BURSTING PRESSURE
#2 : BY SELECTING BETWEEN REMOVABLE MEMBRANE OR A SINGLE PIECE
#3 : BY KNOWING THE DIAMETER (*)

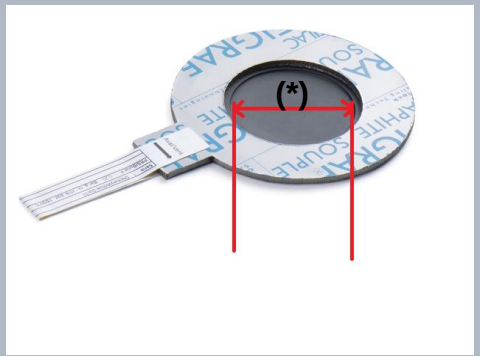


Active/discharge Diameter (*)

SINGLE PIECE

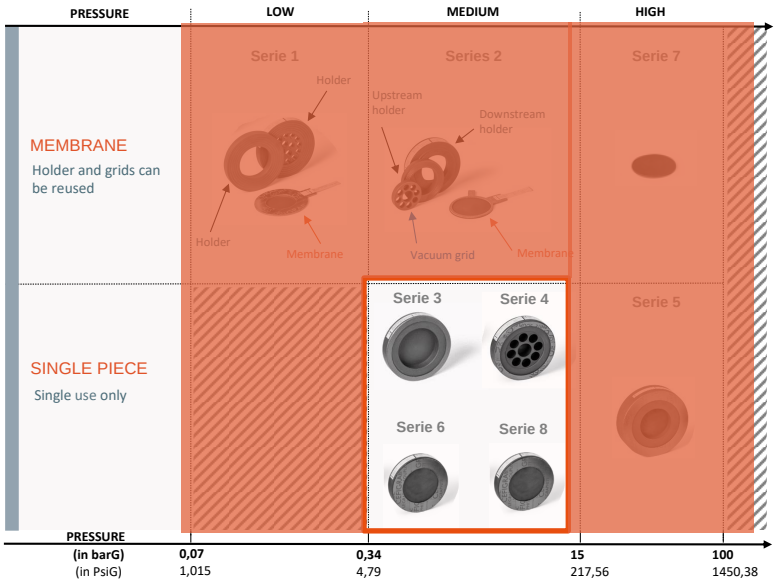


MEMBRANE



Info.pagny@mersen.com

Difference between series 3, 4, 6 & 8



Serie 3

- For medium pressure
- From 0,35 to 40 barg at 20°C (+/- 10%)
- Active diameter 1’ to 24’ (25 to 600mm)
- Between flanges
    - PN10-16-25-40
    - Or ANSI 150-300

Serie 4

= Serie 3 + Vacuum grid
→ Can be used when the are risk to operate under vacuum.

Serie 6

= Serie 3 + PFA coating
→ Can be used for very corrosive pressurized process fluid

Serie 8

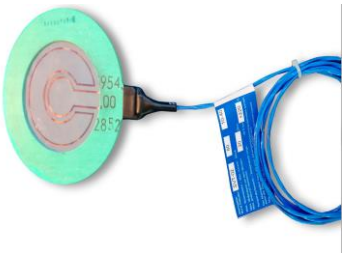
= Serie 3 + PFA coating
→ Can be used for very corrosive pressurized process fluid

Options

(can be plugged on series 3,4,6,8)

Thermal insulation protection
(if use above 165°C)

Rupture disc detector



Info.pagny@mersen.com