



# SOFT TANK LID PT5504SGS

## Composition

EXTERNAL BRAIDING - lubricated PTFE yarns  
 INTERNAL LINING - multiple layers PTFE tape lining  
 INNER BODY - fibers resistant to the chemical attacks  
 CORE - extruded EPDM rubber

## Characteristics

Soft Tank Lid PT5504SGS is specialized for sealing manholes and tank doors on industrial tanks. Soft Tank Lid PT5504SGS is the packing that combines the chemical resistance of PTFE with the softness of polypropylene fibers and the recovery of the rubber core. It can be supplied as endless rings and manufactured in square or rectangular sections. With these features, Soft Tank Lid PT5504SGS is a reliable option to be used in all those applications that require a high level of sealing and high chemical resistance in a wide range of pH. The standard product is made with EPDM, but other rubbers are available on-demand. The style PT5504SGSP has rectangular shape. Available also as endless rings ready to install.

## Applications

Packing for tank lids, inspection and cleaning hatches on tanker ships, compatible with media in the range pH 0-14, including all known bulk cargoes in all IMO classes (International Maritime Organization). Soft Tank Lid PT5504SGS ensures high performance and is suitable for a wide range of static applications where greater elasticity is required.

### Product properties

Temperature range	Value -50÷120°C (-60÷500°F)
pH	1 ÷ 14
Pressure	1 bar
Size tolerances	±0.80 mm (0.032")

### Standard Square Section - PT5504SGS

20,00 x 20,00 mm (3/4")  
 25,00 x 25,00 mm (1")  
 35,00 x 35,00 mm (1 3/8")  
 38,00 x 38,00 mm (1 1/2")  
 40,00 x 40,00 mm (1 9/16")

### Standard Rectangular Section - PT5504SGSP

20,00 x 15,00 mm (3/4" x 5/8")  
 30,00 x 20,00 mm (1 3/16" x 3/4")  
 35,00 x 25,00 mm (1 3/8" x 1")  
 40,00 x 30,00 mm (1 9/16" x 1 3/16")



## Soft Tank Lid PT5504SGS

Designed to prevent water contamination from the environment and to fit the tanks, Soft Tank Lid PT5504SGS can be used on tank hatches on ships, barges, road and rail track. It is resistant to acids, alkalis, oils, solvents, chemicals and edible products, making it suitable for most known loads. The unique construction and properties of the PT5504SGS have made it the outstanding tank lid seal wherever industrial liquid cargoes are transported. Soft Tank Lid PT5504SGS preserve its resilience for longtime and meets all international regulations. Available also as endless rings ready to install.



The information in this publication, as well as any additional information provided to users, is based on experience and is shared to the best of our current knowledge. However, due to numerous factors beyond our knowledge and control that may affect the use of these products, no warranties are provided or implied regarding this information. The operating limits presented in this publication do not imply that these values can be applied simultaneously. Do not use the product at the maximum temperature and pressure values simultaneously. The maximum temperature is suitable only for short-term exposure under specific conditions. Specifications are subject to change without prior notice. The picture in the DS may not accurately depict the exact color and/or markings of the product.



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