



Innovations in Fluid Sealing



## TECHNICAL DATA SHEET

### INBOND CORK GASKET SHEET **INMARCO CORK SHEET TYPE 800**

#### Description:

**TYPE 800** is produced from superior quality cork granules bonded with synthetic rubber (natural/nitrile/neoprene). Cork materials have exceptional compressibility and resilience. They also offer a high mechanical strength. Cork has wide applications in automotive/industrial/electrical (transformers), petrochemical, oil & gas, etc. and also confirmed many general sealing applications.

#### Operational Parameters:

Description	Test Method	Unit	Result
Binder	As per IS:4253 (part II) 2008		Synthetic Rubber / NBR
Cork Grain Size	---		0.5 - 1.0mm
<b>PHYSICAL CHARACTERISTICS</b>			
Hardness	IS:3400 (part II) 1965	Shore A	75 - 85
Compressibility @ 400 PSI	IS:4253 (part II) 1980 (clause 7.5)	%	15 ~ 25
Recovery after	IS:4253 (part II) 1980 (clause 7.5)	%	75 min.
Tensile Strength	IS:4253 (part II) 1980 (clause 7.4)	kg/cm <sup>2</sup>	19 min.
FLEXIBILITY (thickness x 3)	IS:4253 (part II) 1980 (clause 7.7)		No Cracks
Specific Gravity	IS:4253 (part II) 1980	gm/cc	0.70 ~ 0.90
Compression Set	IS:4253 (part II) 1980	%	90 max.
Side Flow	IS:4253 (part II) 1980	%	18 max.
<b>VOLUME CHANGE AFTER IMMERSION</b>			
ASTM Oil No. 1, 70hrs @ 100°C	IS:4253 (part II) 1980	%	-15 - +5
ASTM Oil No. 3, 70hrs @ 100°C	IS:4253 (part II) 1980	%	10 max.

#### Availability:

Size : L X W (1000mm x 1000mm & 1040mm x 1040mm)  
Thickness : mm (1.0, 1.5, 2.0, 2.5, 3.0, 4.0, 5.0, 6.0 & 8.0)

All information and recommendations given in this technical data sheet are correct to the best of our knowledge. However, in view of the wide variety of application and operating conditions one cannot draw the final conclusion in all application cases regarding the behavior of compounds. The above information can only serve as a guideline.

#### INMARCO FZC

P.O. Box 120284, Sharjah Airport International Free Zone (SAIF-Zone), Sharjah, UAE  
Tel. No.: +971 6 5578378 Fax No.: +971 6 5578948  
Email: [info@inmarco.ae](mailto:info@inmarco.ae) Web.: [www.inmarco.ae](http://www.inmarco.ae)