



Innovations in Fluid Sealing



## TECHNICAL DATA SHEET

### INRUB VITON RUBBER GASKET SHEET INMARCO TYPE 404-Premium Grade

#### Description:

**TYPE 404** is one of the toughest, most versatile materials ever developed. It delivers reliable protection against leaks long after ordinary rubber seals have failed. Viton provides excellent resistance to compression set at high temperatures which accounts for its ability to maintain sealing force and remain tough and elastic even after long exposure.

#### Operational Parameters:

Properties	Test Method	Unit	Values
Density	ASTM D 297	g/cm <sup>3</sup>	1.90
Hardness	ASTM D 2240	Shore A	75±5
Tensile Strength	ASTM D 412	Kg/cm <sup>2</sup> (min)	50
Elongation @ Break	ASTM D 412	% (min)	200
Abrasion	ASTM D 5963	mm <sup>3</sup>	NA
Compression Set	ASTM D 395 B	%	60
Tear Strength	ASTM D 624	Kg/cm	30
After Heat Aged @ 70°C	ASTM D 573	Change in physical appearance	
Hardness			+2 (max)
Tensile Strength		%	+5/-5
Elongation		%	+5/-5
Volume swell @ 70°C x 72hrs.	ASTM D 471	Recommendations	
ASTM Oil No. 1		%	+1
ASTM Oil No. 2		%	+3
ASTM Oil No. 3		%	+5
Chemical Resistant	ASTM D 1149	Recommendations	
Ozone			Excellent
Dilute Acid and Base			Excellent
Cont. Acid & Base			Excellent
Oil			Very Good
Solvent			Very good
Temperature Range		°C	-15 to +300

#### Availability:

Sheet size : 1200mm x 10000mm  
: 1500mm x 10000mm

Thickness : 0.5mm, 1mm, 1.5mm, 2mm, 2.5mm, 3mm, 4mm, 5mm, 6mm, 8mm,  
10mm

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)