

TYTON-SIT® THRUST RESISTING GASKETS



Comprising a Tyton gasket incorporating chromium steel retaining segments, Tyton-SIT® transform the non-secured Tyton® joint into a anti-thrust Tyton® joint.

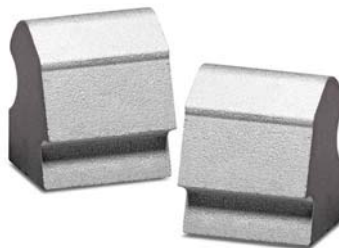
Tyton-SIT® gaskets are an economic and technical alternative to traditional restraining methods such as concrete thrust blocks and external mechanical fittings. This makes Tyton-SIT® particularly suitable for pipeline installations in urban areas where space is at a premium.

VIP-Polymers are recognised as the leading global supplier of Tyton-SIT® gaskets with over 30 years manufacturing experience.



What is a Tyton-SIT® gasket?

A locked in gasket which is a Tyton® seal incorporating chromium steel teeth which lock into the body of the pipe allowing angular deflection without loss of performance.



Why use Tyton-SIT® gaskets?

Compared with other pipe restraining methods, Tyton-SIT® gaskets offer the following benefits:

- Faster Installation
- Cost effective compared with thrust blocks or external mechanical fittings
- Smaller installation digs required
- Valves and fittings remain free of bending stresses

About us

VIP-Polymers have been making gaskets for the worldwide potable water industry for over 80 years. Production is covered by our ISO 9001:2000 Registration and we hold WRC and numerous international potable and drainage water approvals.

Tyton-SIT®
Max Working Pressures at 3° Angular Deflections

DN	Operating pressure	Deflection max.	Max test pressure
80	30 bar	3°	35 bar
100	27 bar	3°	32 bar
125	16 bar	3°	21 bar
150	16 bar	3°	21 bar
200	15 bar	3°	20 bar
250	14 bar	3°	19 bar
300	13 bar	3°	18 bar
400	10 bar	3°	15 bar
450	10 bar	3°	15 bar
500	10 bar	3°	15 bar
600	10 bar	3°	15 bar

These values are for guidance only and are subject to the design and tolerances obtained by the pipe manufacturer.

The company reserves the right to alter specifications at their discretion. All descriptions, illustrations, dimensions and performance characteristics in this leaflet present only general particulars and shall not form part of any contract.



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