

GYLON® Style 3545

Semiconductor manufacture – exhaust tool hook up

Many chemicals are used in the processing of semiconductors. Their vapours and fumes are extracted via the exhaust tool hook up to the scrubbing and recovery systems. Gaskets used on the exhaust tool hook up must be chemically resistant and physically resilient. Issues and problems can occur if the gaskets are not sufficiently chemically resistant and physically resilient.

GYLON® 3545 outperforms other gasket materials in use on exhaust tool hook ups, giving safety, performance, and cost benefits.

GYLON® 3545 is a high performance gasketing material made of multi-layered PTFE for permanent resilience. GYLON® 3545 has a central core of a hard PTFE pressure resistant layer with soft compressible micro-cellular PTFE outer layers. GYLON® 3545 shows better resilience and physical properties compared to virgin PTFE and ePTFE.

GYLON® 3545 is 100% PTFE and compatible with the chemicals used and their biproducts. This includes hydrofluoric acid, hydrochloric acid, nitric acid, sulphuric acid, ammonia, ammonium salts, calcium salts.



Key Benefits

» Excellent chemical resistance
» High resilience
» Stopped cold flow
» High pressure & vacuum duties
» Pressure and vacuum duties
» Temperature -268°C to +260°C
» 17 N/mm ² minimum load, 140 N/mm ² maximum load



Note:
Properties/applications shown throughout this brochure are typical. Your specific application should not be undertaken without independent study and evaluation for suitability. For specific application recommendations consult Garlock. Failure to select the proper sealing products could result in property damage and/or serious personal injury. Performance data published in this brochure has been developed from field testing, customer field reports and/or in-house testing. While the utmost care has been used in compiling this brochure, we assume no responsibility for errors. Specifications subject to change without notice. This edition cancels all previous issues. Subject to change without notice GARLOCK is a registered trademark for packings, seals, gaskets, and other products of Garlock.
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