

# Isolast® plus sanitary ferrule gasket J9515 and J9516



## The Isolast® plus Sanitary Ferrule Gasket

The Isolast® plus Sanitary Ferrule Gasket offers a superior sealing solution, exclusively designed and formulated for pipe work within processing systems, specifically in the food, pharmaceutical, cosmetic, medical and biotechnology industries. Their special material formulations help reduce downtime and improve production efficiency by extending seal life, while minimizing risk of contamination and bacterial ingress, ensuring product purity. These high-performance perfluoroelastomer gaskets demonstrate almost universal chemical compatibility, giving real benefits and cost advantages in aggressive processing environments.



## ISOLAST® PLUS SANITARY FERRULE GASKETS J9515 AND J9516

Compound No.			J9515	J9516
<b>Elastomer base</b>	DIN ISO 1629		FFKM	FFKM
<b>Hardness</b>	DIN 53 505		75 +/- 3 Shore A	75 +/- 5 Shore A
<b>Color</b>			black	white
<b>Specific gravity</b>	DIN 53 479	g/cm <sup>3</sup>	2.03 ± -0.03	2.43 ± -0.03
<b>Tensile strength</b>	DIN 53 504	MPa	11.7 / 1,697	11.9/1,726
<b>Elongation at break</b>	DIN 53 504	%	182	228
<b>Compression set</b>	72 h / 200 °C / 392 °F DIN ISO 815 Typ B	%	16	30
<b>Service temperature</b>		°C / °F	-15 / +250 +5 / +482	-10 / +250 +14 / +482

Material properties are average values resulting from tests, as specified, on standard test samples. The values are for guidance only. It is the responsibility of the user to test material for suitability within a specific application. Information is correct at time of publication.

### Features and benefits

- Exceptional thermal resistance, withstanding temperatures up to 250°C/+482°F and down to -15°C/+5°F
- Excellent performance characteristics in CIP and SIP media with almost universal chemical resistance
- Ultra-high purity material
- Long-term low compression set
- Manufactured in black (J9515) or white (J9516) compounds
- Materials totally FDA-compliant
- USP class VI for pharmaceutical applications
- Corresponds to the biotechnology draft DIN EN 12462
- Option of manufacturing and packaging according to class 100 cleanroom conditions
- Available as standard product with outer ring diameter from 34mm / 1.3in to 119mm / 4.7in

### Trelleborg Sealing Solutions offers to the semiconductor industry:

- Quality levels to ISO 9001-2000 including 100% inspection and zero defects
- Wash and pack to class 100 standards
- Leading-edge in-house polymer development test capability
- Sealing solutions using our extensive design facilities, including material specific non-linear Finite Element Analysis (FEA)
- Comprehensive technical support and after-sales service through the global Trelleborg Sealing Solutions network



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