



DICHTOMATIK

Dichtomatik Limited
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PRESS RELEASE DL031

CERTIFICATION OF HIGH PERFORMANCE SEALS FOR PIPING, VALVES & VESSELS APPLICATIONS

The DuPont™ Kalrez® 0090 perfluoroelastomer O-ring seals, available in the UK from sealing specialists Dichtomatik Ltd, has gained the Total GS EP PVV 142 certification, being the industry standard for sealing products supplied for use with piping, valves and vessels. The Kalrez® 0090 range provides outstanding resistance to rapid gas decompression (RGD), combined with a broad chemical resistance for use within harsh industrial environments. This latest certification complements the existing Norsok M-710 certification for these products, which specifically covers 'downhole' applications applicable to the oil and gas industries. These combined certifications now offer considerable assurances to manufacturing suppliers of pipeline equipment to the chemical and processing industries as well as shore based and offshore exploration organisations.

In third party tests to stringent globally recognised standards, Kalrez® 0090 O-ring seals gained the best possible rating (0000) when subject to repeated rapid gas decompression conditions. This rating demonstrates compliance with the specifications of 'no cracks or blisters visible on the O-ring's cross section after the test'. These results demonstrate the capability of DuPont™ Kalrez® 0090 perfluoroelastomer parts to provide a performance meeting both the TOTAL and Norsok industry standards.

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In addition to providing outstanding RGD resistance, these products have other properties that ensure superior performance in even the harshest environments. This includes the chemical resistance of critical seal parts to withstand attack from more than 1800 chemical substances, coupled with high modulus at low elongation providing excellent extrusion resistance.

The Kalrez[®] 0090 product range also offers broad temperature compatibility while retaining high levels of resilience up to temperatures of 250°C (482°F). DuPont[™] static low temperature test establishes that the sealing properties can be maintained down to -21°C (-5.8°F). While under pressurised sealing conditions, the products demonstrate a low temperature performance down to -40°C (-40°F) in laboratory tests.

Further information is available from:

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Downloads: The press release text (MS Word and PDF format) and images are Available for download at:
www.enterprise-marketing.co.uk/dl/DL031.html

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DuPont™ Kalrez® 0090 perfluoroelastomer O-ring seals available from sealing specialist Dichtomatik Ltd which now have additional certification for use with piping, valves and vessels.

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