

FFKM 90/95 (ED)

This perfluoroelastomer compound has been designed for optimal chemical resistance and is suitable for use in Oil & Gas industrial applications. The compound has been tested against EN ISO 23936-2 and passed Rapid Decompression testing with a fill factor of 65%. The best available rating is 0000, which this compound achieved even at the standard housing fill factor of 65%, where many types of compound can only pass at a much higher fill-factor.

Press Cure	10 minutes @ 170 °C
Post Cure	16 hours @ 230 °C
Service Temperature Range	0°C to 230°C
Peak Working Temperature	+ 250°C

Original Properties
BS ISO 48-2 / ISO 37 (Type 2)

	Units	Typical Result
Hardness	ShoreA	93
S.G.	-	1.93
Tensile Strength	MPa	23
Elongation to Break	%	101

Compression set (72h @ 200°C)
BS ISO 815-1 (Method A)

	Units	Typical Result
Set	%	24

Rapid Gas Decompression (RGD) testing
ISO 23936-2

312 O ring size (65% fill factor) ; 10:90 CO ₂ :CH ₄	Typical Result
Rating	0000

IMPORTANT NOTE

All information based on judgment is offered in good faith. Where no empirical data for the compound exists Clwyd Compounders Ltd. accepts no liability express or implied as to its validity.

Please contact us for further information:

T. +44 1978 810 551

sales@clwydcompounders.com

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