

VALQUA BONDED GATE SEAL

~Ultimate transfer gate valve seal~



Feature and Application

Seal Material	Color	Main Application	Feature
ULTIC ARMOR	Transparent Amber	CVD	High purity Particle free No metal to metal contact Eliminated exposure surface of seal material to plasma
FLID	Black	PVD, Loadlock gate	Abrasion resistance No metal to metal contact Eliminated exposure surface of seal material to plasma

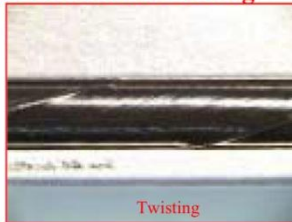
Example of Actual Equipment Evaluation

Equipment: PVD	Gas: N ₂ , Ar
Location: Gate	Wafer count: Approx.15,000
Temp.: R.T.	

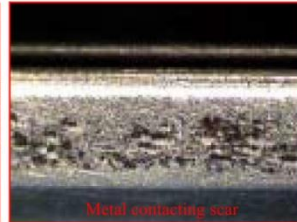
Fluoro rubber O-ring



Entire view



Twisting



Metal contacting scar

ULTIC ARMOR BONDED GATE SEAL



Entire view



No twisting and metal contacting scar



Seal Material Information

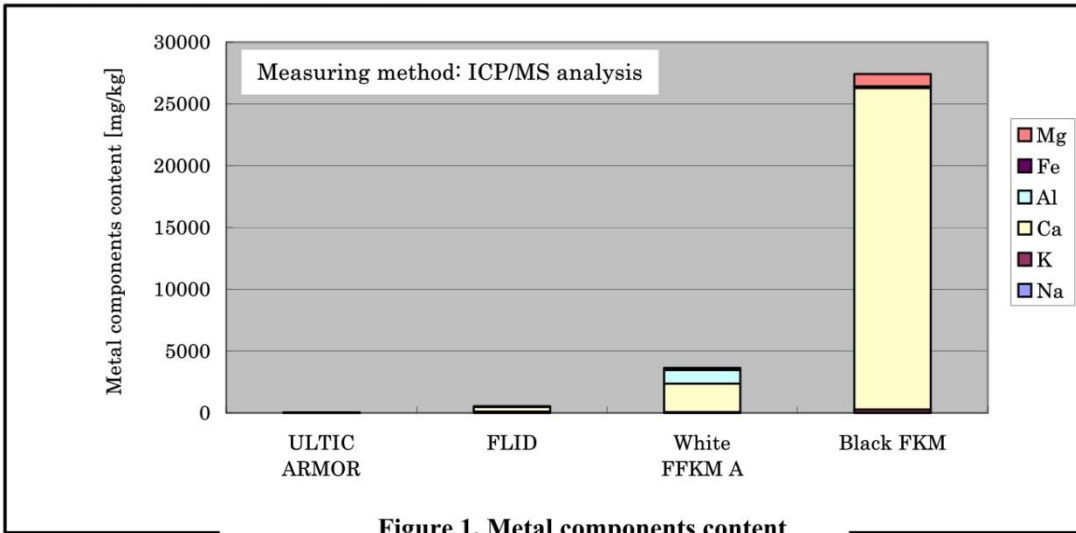


Figure 1. Metal components content

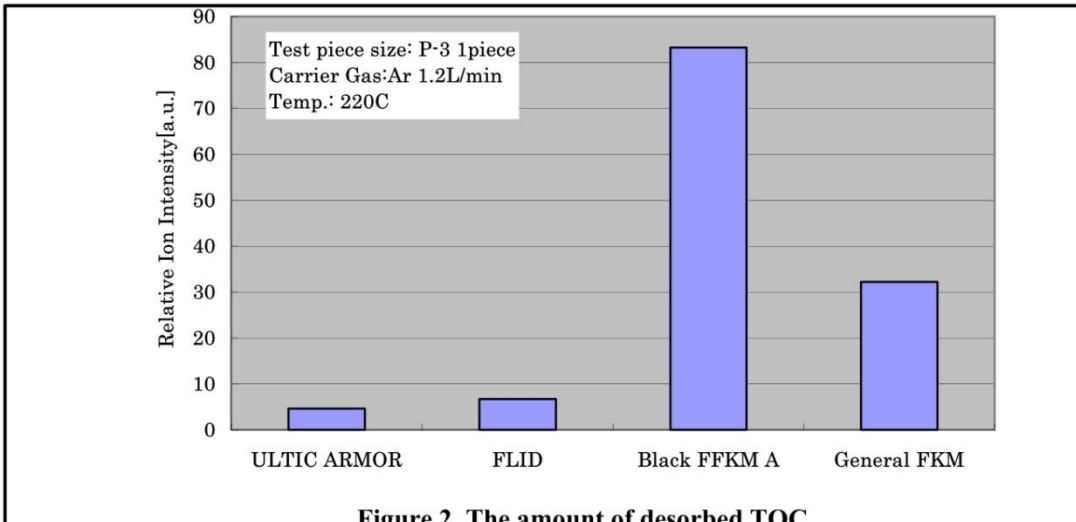


Figure 2. The amount of desorbed TOC



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Manufactured in Japan.