

# VALQUA BONDED GATE SEAL

*~Ultimate transfer gate valve seal~*



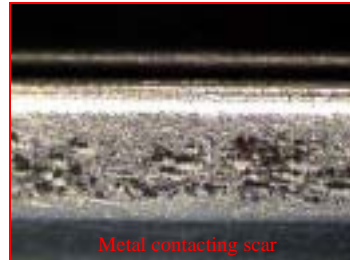
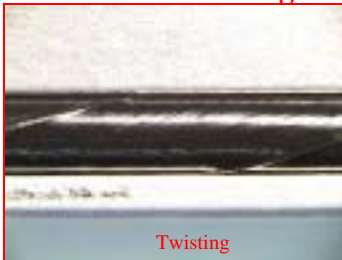
## Feature and Application

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

## Example of Actual Equipment Evaluation

|                |                            |
|----------------|----------------------------|
| Equipment: PVD | Gas: N <sub>2</sub> , Ar   |
| Location: Gate | Wafer count: Approx.15,000 |
| Temp.: R.T.    |                            |

### Fluoro rubber O-ring



### ULTIC ARMOR BONDED GATE SEAL



**VALQUA AMERICA, Inc.**

## Seal Material Information

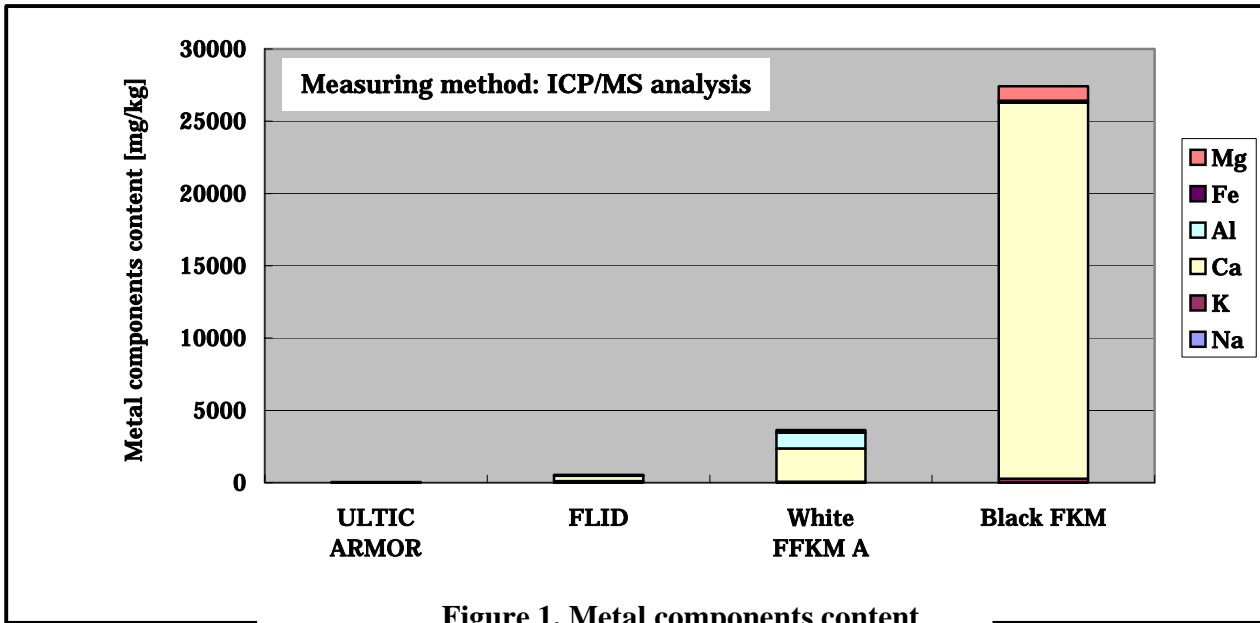


Figure 1. Metal components content

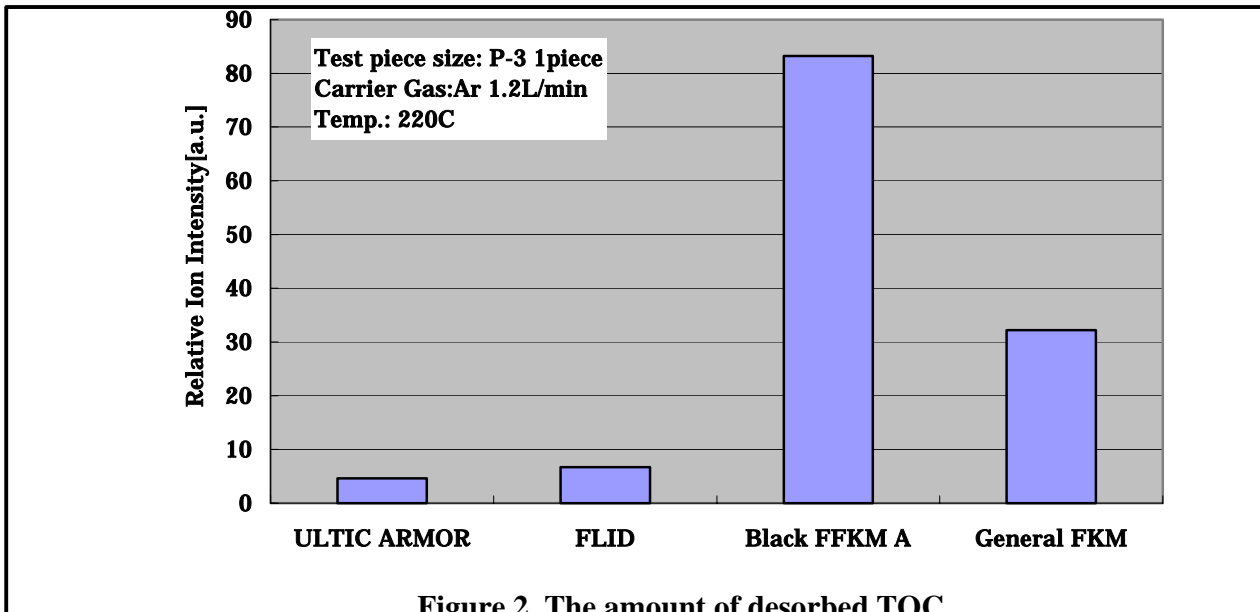


Figure 2. The amount of desorbed TOC



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Manufactured in Japan.