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Date: **09/15/2004**
To: **Asahi/America Distributors**
From: **Asahi/America Sales and Engineering**
Subject: **PVDF Gas Barriers**
Item: **PVC, CPVC, PP & PVDF Diaphragm Valves**

In order to meet the latest industry requirements, and customer demands, the PVDF gas barrier will now be included as a standard feature in all material diaphragm valves supplied with Teflon diaphragms.

Traditionally, only PVDF body diaphragm valves supplied with Teflon diaphragms included the PVDF gas barrier. The PVDF gas barrier has always been available for PVC, CPVC, & PP body diaphragm valves with Teflon diaphragms as an option. This option was at a price adder and generally involved a "Lead Time" as the valves previously were not in stock "on the shelf". The PVDF gas barrier is designed to prevent against the migration of gas, in applications where gas build-up is present, thru the Teflon diaphragm from attacking the EPDM backing cushion. This feature adds protection not currently available in laminated Teflon diaphragms.

Inventory:

We will begin shipping the complete valves September 15th.

Parts Availability:

When ordering replacement diaphragms, if PVDF gas barrier is required, this item must be ordered along with the replacement Teflon diaphragm.

Pricing:

The New configuration valves will be priced the same as the old, even with the added PVDF gas barrier.

Interchangeability:

The valves are unchanged with regards to dimensions, but performance has been enhanced for aggressive chemical applications.

