



APPLICATION BRIEF - 72/1211

INDUSTRY: CHEMICAL

PRODUCT: FABFLEX® ASSEMBLY

MEDIA: COLORED INK REACTORS

IMI PBM Solution:

A Pacific Northwest manufacturer of replacement solid color ink “crayons” had a requirement for fabricated valve manifolds for use on each color ink reactor. The IMI PBM fabricated valve assembly consisted of a 1/2” 316 Stainless Steel Flush Tank Valve with cylindrical radius pad welded to a 1.5 inch butt-weld by 150 lb., flanged header. The process media is injected into a reactor through the IMI PBM valve and header at ambient temperature; the reactor is brought up to 392°F typical. Pressure at injection is 50 psig. Typical cycling is 10 cycles per shift, two shifts per day. Design and delivery played major roles in this computer/printer firm’s choice.

