

Flo-Lined

Treatment to Tube and Pipe for preventing "Angel Hair" & "Snake Skin" in plastics conveying systems



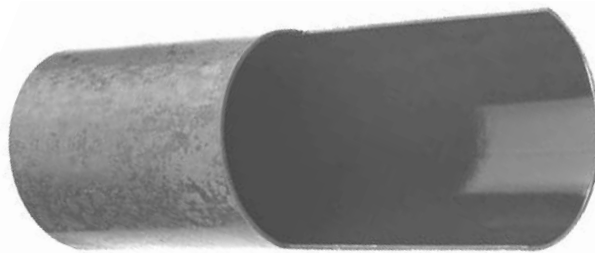
Theory behind "FLO-LINING"

The interior of tube or pipe has a hammered finish applied to it. The finish is extremely irregular without sharpness encountered in sandblasting. Testing has proven that the surface hardness increased as much as 10% due to the hammered stress. Conveying lines which utilize aluminum alloys will work harden therefore increasing the life of the textured surface. When originally tested the hammered finish scored so low that the tests were repeated several times to be certain that the generation of fines, fluff and streamers were consistent.*

* Copy of page 16 report available upon request.

Ceramic Lining

Treatment to Tube and Pipe for reducing abrasion in conveying systems



Process of "Ceramic Lining"

The elbow or fitting is cleaned. The ceramic is pumped into the elbow or fitting and hot air dried. After the moisture is out of the elbow it is placed in a furnace at 1560 degrees to fuse the ceramic on the interior of the elbow. The hardness of the ceramic is between 8-10 on the Moe Scale. This interior coating can be applied as a single coat (6-8 thou thick) or a double coat (10-12 thou thick). The ceramic lining provides a long lasting interior on elbows or fittings to prevent abrasion. Carbon steel is the preferred material to line. Stainless steel can be done as well.

Other services available • Cement backed elbows • Removable back • Flat backed