



Technical Data

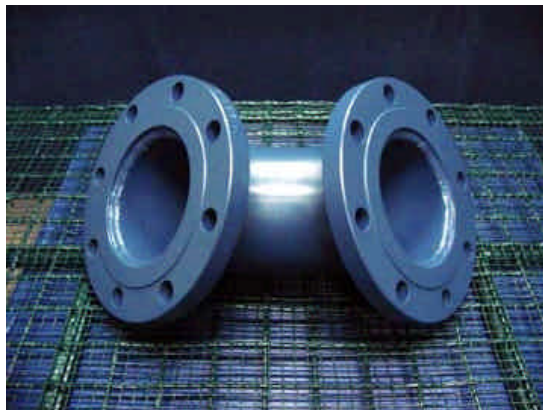
DURALINE™

DESCRIPTION

DURALINE™ is a thin film matrix fluorocarbon coating system designed to impart good wear resistance and non stick properties to moving parts, particularly fluid handling devices such as pumps and valves. It is a two stage factory applied coating which is subsequently cured at high temperature. DURALINE™ is also capable of offering exceptional corrosion resistance and can even be applied to close tolerance, engineered components, including threaded parts. The coating utilizes a ceramic base coat which possesses extremely hard wearing properties, in conjunction with a PTFE rich top coat which is designed to enhance the lubricity of coated surfaces. DURALINE™ coated components are capable of exceeding a 3000 hour salt fog test in accordance with ASTM B117.

APPLICATIONS

DURALINE™ has been specifically developed for application to moving, sliding, rotating and other moving parts such as those found in pumps, valves, and other process equipment. The coating can be applied to a wide range of substrates including steel, copper, brass and cast iron and is particularly suitable as an internal lining for equipment operating in severe wear inducing and corrosive environments. Several successes to date have included applications within the water, sewage, chemical processing and refining industries. DURALINE™ is a cost effective coating designed to significantly extend the lifespan of high value capital equipment and/or to reduce costs of maintenance and repair.



PRODUCT SPECIFICATIONS

Generic Type	Fluorocarbon over Cermet
Appearance	Base Layer - Grey/White similar to polished aluminum
Dry Film Thickness	100 microns maximum
Operating Temperature Range	-40° C to 220° C
Corrosion Resistance	3000 hours ASTM B117Sacrificial/Barrier protection

OTHER PRODUCTS

S3C also produce a complimentary range of products which includes coated and lined pipe systems for conveying raw water, sweet water, chemicals, hydrocarbons, corrosive and abrasive fluids and slurries etc. A complete range of PVC coated, explosion proof electrical conduits and conduit fittings complete the package and, in addition, the company can apply a wide range of protective coatings and linings to customers own materials including cable trays and strut, fencing hardware, architectural aluminum and steelwork, valves, pumps etc. Further details are available on request.

For more information, please visit our website at <http://www.s3c.net> or e-mail us at sales@s3c.net. You can write or contact us too at:



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