



Technical Data

DURA-COAT™

DESCRIPTION

DURA-COAT™ is a thin film composite ceramic/fluorocarbon coating system designed to impart good corrosion and wear resistance to threaded or flanged pipes, spools and casings, with other associated fluid handling devices such as pumps and valves. It is a two stage factory applied coating which is subsequently cured at high temperature. DURA-COAT™ is also capable of being 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 an extremely inert PTFE rich top coat which is designed to enhance the lubricity of coated surfaces e.g. threads. DURA-COAT™ coated components are capable of exceeding a 3000 hour salt fog test in accordance with ASTM B117.

APPLICATIONS

DURA-COAT™ has been specifically developed for application to close toleranced and threaded parts such as high-pressure pipes, pumps, valves, and other equipment. The coating can be applied to a wide range of substrates including steel, copper, brass and cast iron. Applications have included down well pipes for irrigation, oil recovery, water injection as well as waste water and water treatment plants. DURA-COAT™ 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

<i>Generic Type</i>	<i>Fluorocarbon over Cermet</i>
<i>Appearance</i>	<i>Base Layer - Grey/White similar to polished aluminum</i> <i>Top coat - Slippery feel finish(color depends on usage)</i>
<i>Dry Film Thickness</i>	<i>100 microns maximum</i>
<i>Operating Temperature Range</i>	<i>-40° C to 220° C</i>
<i>Corrosion Resistance</i>	<i>3000 hours ASTM B117</i> <i>Sacrificial/Barrier protection</i>

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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