

SPLASHTRON® POLYCHLOROPRENE COATING

SPLASHTRON® is an anticorrosive system based on advance POLYCHLOROPRENE (i.e. Neoprene) technology. SPLASHTRON® is a high density elastomer having excellent resistance to weathering, fungus, marine life and most oils. It consists of three layers that are vulcanized to the steel pipe surface, the pipe is first steel grit blasted.



- The first layer is a primer coat that provides the pipe steel surface with a film that is highly resistance to chemical attack and to cathodic disbondment.
- The second layer consists of an bonding agent that works as a bonding layer between the SPLASHTRON® top coat and the first layer of primer.
- The third layer (top coat) consists of extruded SPLASHTRON® .500" thick or depending on the service conditions the thickness could vary. The function of the third layer is to provide the system with both anticorrosive and mechanical protection.

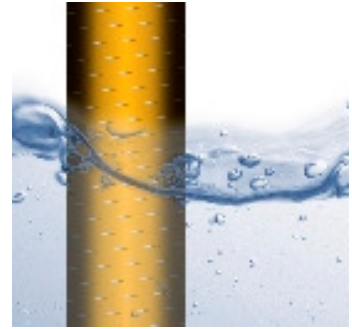
TYPICAL PROPERTIES	STANDARD	UNIT	VALUE
Density	ASTM D 412-0ae2	g/cm ³	1.55
Weight Per Cu Ft	N/A	lbs	94.3
Shore Durometer	ASTM D 2240	SHORE A	65
Tensile Strength	ASTM D-624-C	PSI	2100
Ultimate Elongation	ASTM D 412-0ae2	%	726
Volume Resistivity	ASTM D-257	Ohm-cm	2.29E+12
Tear Resistance	ASTM D624-00(2007)	PPI	220 to 229
Compression Set	ASTM D395-02 B	%	20
Taber Abrasion	ASTM D 3389-10	Mg/rev	.771
Sea Water absorption	BSI BS ISO 1817	%	1.5
Specific Heat DSC	ASTM D1269-01	J/g°C,30°C	1.354
Peel Adhesion	ASTM D 429-02A	PPI	23.1
Temperature Limits	N/A	°F	-45 to 300 intermittent
Operating Temperature	N/A	°F	220
Ozone Resistance	ASTM D 1149-99	50 pphm at 40 °C for 100 hours	PASS
Coefficient of Friction Static	ASTM D 1894-99	μ	1.26
Coefficient of Friction Dynamic	ASTM D 1894-99	μ	1.23
Thermal Conductivity K-Value	N/A	W /(m-K)	.310

These are typical results and are Not to be used for quality control.

Product Data Sheet

SPLASHTRON® is applied in our plant in Garden City, Louisiana (near Franklin), and in California, to pipe of practically any length in diameter (various manufacturing facilities have different limitations). The most common coating thicknesses are ¼”, ½”, and 1”, although it can be applied in almost any thickness.

We also manufacture “SPLASHTRON” sleeves which can be applied in the field. The sleeves are used where more than one joint of pipe is needed for protection, as in a J-tube pulls. They fit over the welded areas of the pipe and are bonded to the pipe with a two-part structural adhesive, which we supply. SPLASHTRON® is also an excellent material for use in J-tube plugs, as well as a liner for riser clamps.



“SPLASHTRON” has been on the market since 1962, after being tested for a year by major oil company in a highly corrosive environment offshore, and is used by such companies as: EXXONMobil, Shell, BPAmoco, Union Oil, ChevronTexaco, ConocoPhillips, Tennessee Gas Pipeline, Tenneco, Kerr-McGee, Southern Natural Gas Pipeline, United Gas, Marathon Pipeline, Pennzoil, and many other companies.

TYPICAL APPLICATIONS:

- Anticorrosive coating system for pipelines onshore & offshore
- Anticorrosive coating system for production risers
- Anticorrosive coating system J-Tubes
- Liner for riser clamps
- Anticorrosive coating system for VIV Suppression Strake systems
- Anticorrosive coating system for Line Pulls