

INTRODUCES INSUL-FLANGE...

a cast-nylon insulating flange for use on marine docks and terminals

ARE YOU FACING A POTENTIAL HAZARD?

If the piping system of a marine terminal is electrically conductive, an electrical charge flows along the piping because of dock/pier-side cathodic protection systems.

With the potential inductive effect of the piping system, a spark could occur at the moment when the hose is disconnected.

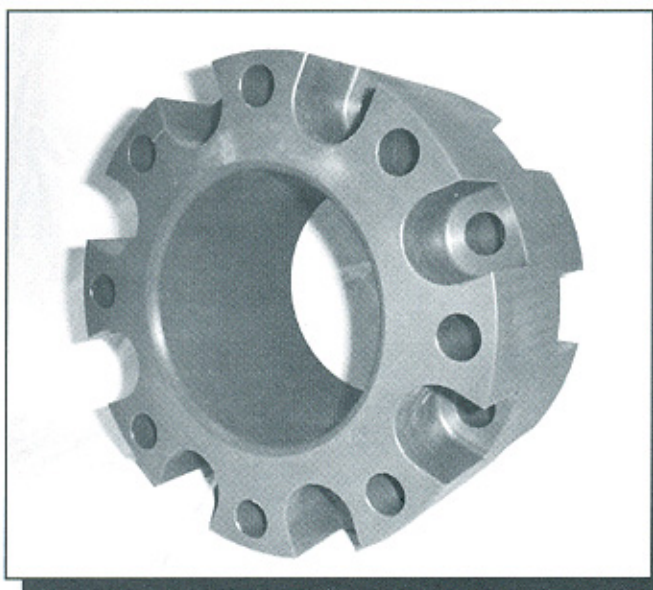
INSUL-FLANGE CONTROLS UNDESIRABLE ELECTRICAL CURRENTS

The Insul-Flange prevents the heavy electrical flow in the piping system and eliminates the risk of an electrical arc when the hose is disconnected.

- Insul-Flange retains the properties of insulating flange gasket kits, but they are much easier to install and inspect for the properties of non-conductivity.
- Provides greater electrical resistance than regular insulating gasket kits.

CONSTRUCTION

Insul-Flange is constructed of cast nylon and is resistant to most common solvents, lubricants, hydrocarbons, esters, ketones and aqueous solutions of acids and alkalis at pH5 to pH11. For more severe chemical service, PTFE lining is an option.



Melting Point: 428°F/220°C

Elect. Resistivity: 10¹² ohm/cm.

- Prevents any possibility of an electric arc upon disconnection of the hose.
- Eliminates the need for separate bonding wire.
- Complies with several standards:
 - California State Lands Commission, M.F.D. § 2380
 - U.S.C.G. 154.810 Vapor Line Connections, Section G - Facility Vapor Connections
 - ISGOTT Chapter 6 - Electrical Insulation

Bore	O.D.	Length	No. of Bolts	Bolt Hole Diam.	Test Pressure	Longitudinal Stress
4	9	4-3/4"	16	3/4"	750	600
6	11	9-1/2"	16	7/8"	750	1221
8	13-1/2"	11-3/4"	16	7/8"	750	1333
10	16	14-1/4"	24	1"	750	1408
12	19	17"	24	1"	750	1273
16	23-1/2"	21-1/4"	32	1-1/8"	750	1608

For additional information about Insul-Flange our our wide-range of flexible hoses and accessories, please contact a Senior Flexonics representative.