

ELECTRON™ SCS

Isolation and Sealing Gasket

Description:

The Electron™ SCS isolation and sealing gasket is composed by a double rail serrated 316 SS core, faced on both sides with restructured PTFE, Tealon™. Electron™ SCS includes glass reinforced epoxy (G-10) isolation sleeves (1 per stud), G-10 isolation washers (1 per stud) and galvanized carbon steel washers (2 per bolt). Its robust design aims to meet both sealability and electrical isolation requirements for industrial pipelines.



Application:

Electron™ SCS is designed to meet the most critical applications even under severe requirements of pressure and chemical resistance. It is suitable for pipes that require electrical isolation in lines of sea and produced water, gases, chemical products and hydrocarbons.

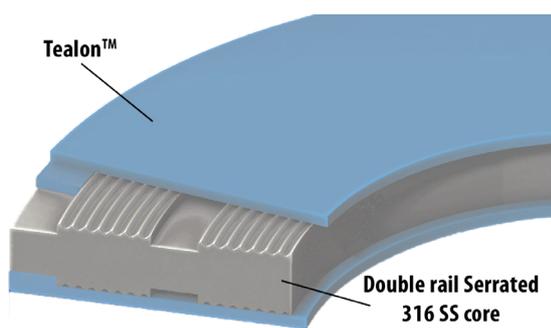
Properties:

Technical Data	
Flanges Type/Class	RF and RTJ ASME 150-2.500# and API 6A 2-10K
Electrical Resistance	> 100 MΩ (1.500 Vdc)
Dielectric Strength	4 kV (60 Hz Vac per 1 minute)
Water absorption	< 0,1 %
Compressive Strength	350 MPa (50.000 psi)
Maximum Temperature	200 °C (392 °F)

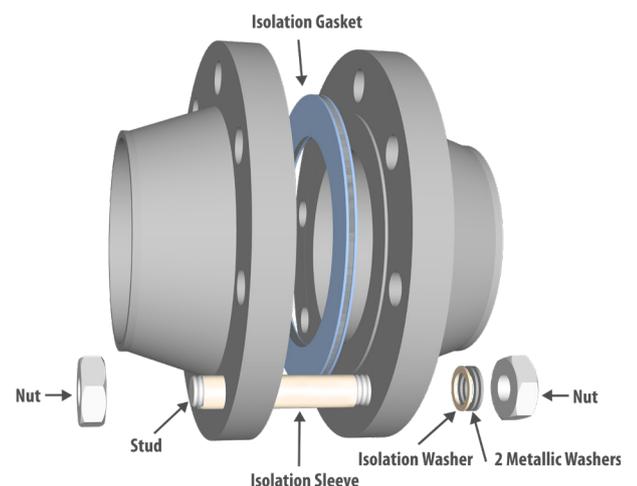
Sleeve/Washer Assembly:

Recommended installation configuration based on laboratory tests

Isolation components	
Sleeve	G-10
Washer	G-10



Sealability Data	
Standard	DIN 3535-4
Leakage	1,83E-08 mbar.l/s



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Properties and application parameters shown throughout this data sheet are typical. Your specific application should not be undertaken without independent study and evaluation for suitability. For specific application recommendations consult TEADIT. Failure to select proper sealing products could result in property damage and/or serious personal injury. Specifications are subject to change without notice; this edition cancels all previous issues.

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