



# ADVANCE

## PRODUCTS & SYSTEMS, LLC

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ISO 9001 Certified

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### SUBMITTAL

### APS FLANGE ISOLATION GASKET KITS

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Advance Products & Systems, LLC type **ETG10DWG10G10** flange isolation kit contains one “E” Trojan style isolation gasket manufactured from Nema grade G-10 glass reinforced epoxy retainer with a Nitrile seal, two isolating washers manufactured from Nema grade G-10, two SAE zinc plated steel back-up washers and one Nema Grade G-10 sleeve for each bolt.

APS flange isolating kits can be manufactured to fit the flange dimensions of ANSI, AWWA, MSSSP44, B.S. 10, DIN 2633, 2634, etc.

Advance Products & Systems, LLC certifies that the flange isolation kits are of the highest quality and meet or exceed industry standards.

Country of Origin: USA

#### **General Physical Properties\***

Specific Gravity	1.85
Rockwell Hardness +/- 10	98
Moisture Absorption (%) E-1/105 + D-24/23	.10
Flexural Strength (psi) - LW	65,000
Flexural Strength (psi) – CW	52,000
Modulus of Elasticity in Flexure	
Kpsi – LW	2,900
- CW	2,600
Tensile Strength (psi) -	51,000
Compressive Strength (psi)	66,000
Izod Impact Strength (ft/lbs/in)	
Cond E. –48/50 LW	7.90
Cond E. –48/50 CW	7.30
Bond Strength (lbs)	2,300
Shear Strength (psi)	21,500

**Thermal and Electrical Properties**

Maximum Operating Temperature (°C)	150
Coefficient of Thermal Expansion x-axis	10.0
Y - axis	13.0
Flammability	94HB
Dielectric Strength(VPM)	800
Permittivity	
Cond D -24/23	4.80
Arc Resistance (sec)	130
Comparative Tracking Index	600

