



ADVANCE

PRODUCTS & SYSTEMS, INC

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ISO 9001 Certified Company

SUBMITTAL

APS FLANGE ISOLATION GASKET KITS

The Advance Products & Systems, Inc. Type **FTDWMY** flange isolation kit contains one Type "F" (Raised Face) Trojan style isolation gasket manufactured from 1/8" thick grade XP phenolic with a nitrile (Buna-N) elastomer sealing ring, two 1/8" thick isolating washers manufactured from grade CE phenolic, two SAE zinc plated steel back-up washers, and one Mylar sleeve having a 1/32" wall thickness for each bolt.

APS flange isolation kits can be manufactured to fit the flange dimensions of ASME B16.47 SERIES B, ANSI, AWWA, MSSSP44, B.S. 10, DIN 2633, 2634, etc.

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

COUNTRY OF ORIGIN: USA

Nitrile Sealing Element:

Min Operating Temperature	-60°F
Max Operating Temperature	240°F

GASKET:

Nema Grade XP (Plain faced Phenolic w/ Nitrile seal)

Tensile Strength	18,000 psi
Compression Strength	45,000 psi
Flexural Strength	29,000 psi
Dielectric Value	600
Flammability	94HB
Heat Resistance F:	
Continuous	266
Water Absorption %:	1.50

Sleeves:

Nema Grade LE (Mylar)

	<u>Unit</u>	<u>Value</u>
Max Continuous Operating Temperature	°F	300
Water Absorption	%	.80
Dielectric Strength	VPM	4000
Wall Thickness	Inch	1/32

Isolating Washers:

Nema Grade CE Phenolic

Tensile Strength	11,000 psi
Compression Strength	34,000 psi
Flexural Strength	17,500 psi
Dielectric Value	550
Flammability	94HB
Heat Resistance F:	
Continuous	257
Water Absorption %:	2.00

Back-up Washers:

SAE Zinc-Plated Steel (manufactured to standard SAE thicknesses)