



ANSI B16.5 Gasket Specification

Please fill out the appropriate sections of the following form in order for APS to manufacture your gasket correctly.

NOTE: Please fill out Section A-C plus Section E and F. Only fill out Section D if shoulder bolts are used. Please provide the Flange or Valve ID in Section C.

SECTION A What is the class? 150 ☐ 300 ☐ 400 ☐ 600 ☐ 900 ☐ 1500 ☐ 2500 ☐ SECTION B What is the size? Nominal Size 1/2"-24" SECTION C Type of Flanges<table style="width: 100%;"><tr><td style="width: 50%; vertical-align: top;">Flange 1 ☐ Weld neck ☐ Blind ☐ Slip-on Flange ID <u>Sleeve Length Calculation:</u> THK#1 + THK#2 + (GASKET THICKNESS) + 0.0625 = LENGTH <u>Sleeve Length for Threaded Holes:</u> THK#1 + (GASKET THICKNESS) + 0.0625 = LENGTH </td><td style="width: 50%; vertical-align: top;">Flange 2 ☐ Weld neck ☐ Blind ☐ Slip-on ☐ Valve Valve/Flange ID If valve, information below is required: Flange of Valve Thickness (If Applicable) Number of threaded holes? </td></tr></table> SECTION D If shoulder bolts are used, what is the diameter of the shoulder? 	Flange 1 ☐ Weld neck ☐ Blind ☐ Slip-on Flange ID <u>Sleeve Length Calculation:</u> THK#1 + THK#2 + (GASKET THICKNESS) + 0.0625 = LENGTH <u>Sleeve Length for Threaded Holes:</u> THK#1 + (GASKET THICKNESS) + 0.0625 = LENGTH	Flange 2 ☐ Weld neck ☐ Blind ☐ Slip-on ☐ Valve Valve/Flange ID If valve, information below is required: Flange of Valve Thickness (If Applicable) Number of threaded holes?	SECTION E Select Type of Gasket Type F ☐ Gasket O.D. = (Bolt Circle - Bolt Hole - 1/16") Type E ☐ Gasket O.D. = (OD of Flange) SECTION F Type of Material Needed Note: Check one type of material for each item.<table style="width: 100%;"><tr><td style="width: 50%; vertical-align: top;">Gasket: Phenolic ☐ Nitrile-Coated Phenolic ☐ G10 ☐ Other: </td><td style="width: 50%; vertical-align: top;">Seal: Nitrile ☐ Viton ☐ PTFE ☐ EPDM (Duplex Only) ☐</td></tr></table> Note: Only G10 gasket material with EPDM or PTFE seals are NSF61 approved. <table style="width: 100%;"><tr><td style="width: 50%; vertical-align: top;">Sleeve: G10 ☐ Integral ☐ Mylar ☐ G10 Integral ☐ Other: </td><td style="width: 50%; vertical-align: top;">Washer: Micarta ☐ G10 ☐ Steel ☐ Stainless Steel ☐ Other: </td></tr></table><table style="width: 100%;"><tr><td style="width: 50%; vertical-align: top;">Quantity of seals (per side): Single ☐ Duplex (Two) ☐</td><td style="width: 50%; vertical-align: top;">Quantity of washers: Single ☐ Double ☐</td></tr></table>	Gasket: Phenolic ☐ Nitrile-Coated Phenolic ☐ G10 ☐ Other:	Seal: Nitrile ☐ Viton ☐ PTFE ☐ EPDM (Duplex Only) ☐	Sleeve: G10 ☐ Integral ☐ Mylar ☐ G10 Integral ☐ Other:	Washer: Micarta ☐ G10 ☐ Steel ☐ Stainless Steel ☐ Other:	Quantity of seals (per side): Single ☐ Duplex (Two) ☐	Quantity of washers: Single ☐ Double ☐
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Company Name _____ Signature _____ Date _____