

BPE TUBE PART NUMBER MATRIX

TV	-	XX	-	XXXX	X	-	XX	-	XX
<u>PROCESS CODE</u>		<u>ALLOY CODE</u>		<u>SIZE CODE</u>	<u>WALL CODE</u>		<u>LENGTH CODE</u>		<u>I.D. SURFACE FINISH CODE (SEE NOTE 3)</u>
TV = PER SP-9225 (BPE)		0S = 316L SEAMLESS 0W = 316L WELDED 2S = 304L SEAMLESS 2W = 304L WELDED		0250 = .25" DIAMETER 0375 = .375" DIAMETER 0500 = .5" DIAMETER 0750 = .75" DIAMETER 1000 = 1" DIAMETER 1500 = 1.5" DIAMETER 2000 = 2" DIAMETER 2500 = 2.5" DIAMETER 3000 = 3" DIAMETER 4000 = 4" DIAMETER 6000 = 6" DIAMETER	B = .035" WALL D = .049" WALL F = .065" WALL G = .083" WALL J = .109" WALL		6M = 6 METER 4M = 4 METER		S0 = No Finish Requirement S1 = 20 µIn Ra Max, Mechanically Polished S2 = 25 µIn Ra Max, Mechanically Polished S3 = 30 µIn Ra Max, Mechanically Polished S4 = 15 µIn Ra Max, Electropolished S5 = 20 µIn Ra Max, Electropolished S6 = 25 µIn Ra Max, Electropolished

Tube Part Number Example:

TV-0S-0500D-6M-S4

VALEX BPE TUBE, 316L SEAMLESS, 1/2" O.D. X .049" WALL,
6M NOMINAL LENGTH, 15 Ra ELECTROPOLISHED I.D. SURFACE

NOTES:

- PER VALEX SPECIFICATION SP-9225 (BPE).
- PROCESS CODES MAY NOT BE AVAILABLE FOR ALL PART NUMBER COMBINATIONS.
PLEASE CONTACT VALEX FOR ITEM NUMBER AVAILABILITY.
- FOR FINISH CODES S1, S2, & S3 (MECHANICAL POLISH), ANY SURFACE FINISH METHOD IS ACCEPTABLE THAT MEETS The Ra MAX.



TITLE		
BPE TUBE AND FITTING ITEM NUMBER SCHEME		
SPECIFICATION	SHEET	REV
SP-8200	1/2	B

BPE FITTING PART NUMBER MATRIX

VX

PROCESS/ALLOY CODE

- V0 = PER SP-9225 (BPE) 0S/0W (316L)
- V2 = PER SP-9225 (BPE) 2S/2W (304L)

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XXX

CONFIGURATION CODE

- 2 = 90° Elbow, Tube Weld
- 2J = 90° Elbow, Tube Weld x Hygienic Joint
- 2H = 90° Elbow, Hygienic Joint
- 2K = 45° Elbow, Tube Weld
- 2KJ = 45° Elbow, Tube Weld x Hygienic Joint
- 2KH = 45° Elbow, Hygienic Joint
- 2U = 180° Return Bend, Tube Weld
- 2UH = 180° Return Bend, Hygienic Joint
- 7N = Instrument Tee, Tube Weld
- 7NH = Instrument Tee, Hygienic Joint
- 7 = Straight Tee, Tube Weld
- 7H = Straight Tee, Hygienic Joint
- 7R = Reducing Tee, Tube Weld
- 7RH = Reducing Tee, Hygienic Joint
- 8J = Short-Outlet Tee, Tube Weld x Hygienic Joint
- 8H = Short-Outlet Tee, Hygienic Joint
- 8M = Short-Outlet Run Tee, Hygienic Mechanical Joint
- 8RJ = Short-Outlet Reducing Tee, Tube Weld x Hygienic Joint
- 8RH = Short-Outlet Reducing Tee, Hygienic Joint
- 9 = Straight Cross, Tube Weld
- 9H = Straight Cross, Hygienic Joint
- 13C = Hygienic Clamp
- 13G = Hygienic Gasket
- 14S = Ferrule, Tube Weld, Short
- 14M = Ferrule, Tube Weld, Medium
- 14L = Ferrule, Tube Weld, Long
- 16 = Cap, Tube Weld
- 16H = End Cap, Solid Hygienic Joint
- 31 = Concentric Reducer, Tube Weld
- 31J = Concentric Reducer, Hygienic Joint x Tube Weld
- 31H = Concentric Reducer, Hygienic Joint
- 32 = Eccentric Reducer, Tube Weld
- 32J = Eccentric Reducer, Hygienic Joint x Tube Weld
- 32H = Eccentric Reducer, Hygienic Joint

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XX

SIZE CODE

- 04 = .25" DIAMETER
- 06 = .375" DIAMETER
- 08 = .5" DIAMETER
- 12 = .75" DIAMETER
- 16 = 1" DIAMETER
- 24 = 1.5" DIAMETER
- 32 = 2" DIAMETER
- 40 = 2.5" DIAMETER
- 48 = 3" DIAMETER
- 64 = 4" DIAMETER
- 96 = 6" DIAMETER

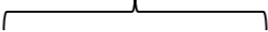
X

WALL CODE

- X = N/A
- B = .035" WALL
- D = .049" WALL
- F = .065" WALL
- G = .083" WALL
- J = .109" WALL

X

TYPE CODE



TUBE TYPE:

- S = SEAMLESS
- W = WELDED

FERRULE TYPE:

- A = TYPE A FERRULE
- B = TYPE B FERRULE

CLAMP TYPE:

- 0 = ISO DN 15 (1" DIA, TYPE A)
- 1 = HEAVY DUTY
- 2 = HEAVY DUTY, 3-PIECE
- 3 = HIGH PRESSURE, 2-BOLT

GASKET TYPE: (NOTE 4)

- C = PTFE (I.E. "TEFLON", ETC.)
- D = FKM (I.E. "VITON", ETC.)
- E = NBR (I.E. "BUNA", ETC.)
- F = EPDM

(XXXX)

USED ONLY FOR REDUCING
FITTINGS & INSTRUMENT TEES

REFER TO SIZE, WALL & TYPE
CODES IF APPLICABLE

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X

I.D. SURFACE FINISH CODE (SEE NOTE 3)

- 0 = Surface Finish Requirement -OR- N/A
- 1 = 20 µIn Ra Max, Mechanically Polished
- 2 = 25 µIn Ra Max, Mechanically Polished
- 3 = 30 µIn Ra Max, Mechanically Polished
- 4 = 15 µIn Ra Max, Electropolished
- 5 = 20 µIn Ra Max, Electropolished
- 6 = 25 µIn Ra Max, Electropolished

Fitting Part Number Example 1:

V0-2-16FW-4

VALEX BPE 90-DEG ELBOW, 316L WELDED, 1/2" O.D. X .049" WALL,
TUBE WELD ENDS, 15 Ra ELECTROPOLISHED I.D. SURFACE

Fitting Part Number Example 2:

V2-7RJ-24FW08DA-1

VALEX BPE REDUCING TEE, 316L, TUBE WELD X HYGIENIC CLAMP TYPE A
2" O.D. (.065W) WELDED X 1/2" O.D. (.049W) SEAMLESS,
20Ra MECHANICAL POLISH I.D. SURFACE

Fitting Part Number Example 3:

V0-8RH-24FB12FA-3

VALEX BPE SHORT OUTLET REDUCING TEE, 316L,
1.5" HYGIENIC CLAMP TYPE B X 3/4" HYGIENIC CLAMP TYPE A
30Ra MECHANICAL POLISH I.D. SURFACE

NOTES:

1. PER VALEX SPECIFICATION SP-9225 (BPE).
2. PROCESS CODES MAY NOT BE AVAILABLE FOR ALL PART NUMBER COMBINATIONS. PLEASE CONTACT VALEX FOR ITEM NUMBER AVAILABILITY.
3. FOR FINISH CODES 1, 2, & 3 (MECHANICAL POLISH), ANY SURFACE FINISH METHOD IS ACCEPTABLE THAT MEETS The Ra MAX.
4. "TEFLON" AND "VITON" ARE REGISTERED TRADEMARKS OF CHEMOURS COMPANY.



TITLE		
BPE TUBE AND FITTING ITEM NUMBER SCHEME		
SPECIFICATION	SHEET	REV
SP-8200	2/2	B