

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	C

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
- 2A** = 88° Elbow, Tube Weld
- 2B** = 92° Elbow, Tube Weld
- 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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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

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.

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



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