


BPE TUBE PART NUMBER MATRIX

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

- 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 S1, S2, & S3 (MECHANICAL POLISH), ANY SURFACE FINISH METHOD IS ACCEPTABLE THAT MEETS The Ra MAX.

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



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TITLE
BPE TUBE AND FITTING ITEM NUMBER SCHEME

SPECIFICATION	SHEET	REV
SP-8200	1/2	D

VX

V0 = PER SP-9225 (BPE) 0S/0W (316L)
V2 = PER SP-9225 (BPE) 2S/2W (304L)
V3 = PER SP-9225 (BPE) AS/AW (304)
VP =POLYMER(NOTE 5)
V4 = PER SP-9225 (BPE) NS/NW (316L)
V5 = PER SP-9225 (BPE) 1S/1W (304L)

XXX

2 = 90° Elbow, Tube Weld	04 = 90° Elbow, Hygienic Joint
2J = 90° Elbow, Tube Weld x Hygienic Joint	06 = 90° Elbow, Hygienic Joint
2H = 90° Elbow, Hygienic Joint	08 = 45° Elbow, Tube Weld
2K = 45° Elbow, Tube Weld	12 = 45° Elbow, Tube Weld x Hygienic Joint
2KJ = 45° Elbow, Tube Weld x Hygienic Joint	16 = 45° Elbow, Hygienic Joint
2KH = 45° Elbow, Hygienic Joint	24 = 88° Elbow, Tube Weld
2A = 88° Elbow, Tube Weld	32 = 92° Elbow, Tube Weld
2B = 92° Elbow, Tube Weld	40 = 180° Return Bend, Tube Weld
2U = 180° Return Bend, Tube Weld	48 = 180° Return Bend, Hygienic Joint
2UH = 180° Return Bend, Hygienic Joint	64 = Instrument Tee, Tube Weld
7N = Instrument Tee, Tube Weld	96 = Instrument Tee, Hygienic Joint
7NH = Instrument Tee, Hygienic Joint	7 = Straight Tee, Tube Weld
7 = Straight Tee, Tube Weld	7H = Straight Tee, Hygienic Joint
7H = Straight Tee, Hygienic Joint	7R = Reducing Tee, Tube Weld
7R = Reducing Tee, Tube Weld	7RH = Reducing Tee, Hygienic Joint
7RH = Reducing Tee, Hygienic Joint	8J = Short-Outlet Tee, Tube Weld x Hygienic Joint
8J = Short-Outlet Tee, Tube Weld x Hygienic Joint	8H = Short-Outlet Tee, Hygienic Joint
8H = Short-Outlet Tee, Hygienic Joint	8M = Short-Outlet Run Tee, Hygienic Mechanical Joint
8M = Short-Outlet Run Tee, Hygienic Mechanical Joint	8RJ = Short-Outlet Reducing Tee, Tube Weld x Hygienic Joint
8RJ = Short-Outlet Reducing Tee, Tube Weld x Hygienic Joint	8RH = Short-Outlet Reducing Tee, Hygienic Joint
8RH = Short-Outlet Reducing Tee, Hygienic Joint	9 = Straight Cross, Tube Weld
9 = Straight Cross, Tube Weld	9H = Straight Cross, Hygienic Joint
9H = Straight Cross, Hygienic Joint	13H = Hygienic Clamp
13H = Hygienic Clamp	13G = Hygienic Gasket
13G = Hygienic Gasket	14S = Ferrule, Tube Weld, Short
14S = Ferrule, Tube Weld, Short	14M = Ferrule, Tube Weld, Medium
14M = Ferrule, Tube Weld, Medium	14L = Ferrule, Tube Weld, Long
14L = Ferrule, Tube Weld, Long	16 = Cap, Tube Weld
16 = Cap, Tube Weld	16H = End Cap, Solid Hygienic Joint
16H = End Cap, Solid Hygienic Joint	31 = Concentric Reducer, Tube Weld
31 = Concentric Reducer, Tube Weld	31J = Concentric Reducer, Hygienic Joint x Tube Weld
31J = Concentric Reducer, Hygienic Joint x Tube Weld	31H = Concentric Reducer, Hygienic Joint
31H = Concentric Reducer, Hygienic Joint	32 = Eccentric Reducer, Tube Weld
32 = Eccentric Reducer, Tube Weld	32J = Eccentric Reducer, Hygienic Joint x Tube Weld
32J = Eccentric Reducer, Hygienic Joint x Tube Weld	32H = Eccentric Reducer, Hygienic Joint
32H = Eccentric Reducer, Hygienic Joint	

XX

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

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

X

F = EPDM

(XXXX)

REFER TO SIZE, WALL & TYPE
CODES IF APPLICABLE

X

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

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

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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. "BUNA®" IS A REGISTERED TRADEMARK OF ARLANXEO.
5. POLYMER MATERIALS INCLUDE RUBBER AND VARIOUS OTHER PLASTICS SUCH AS PTFE, FKM, NBR, EPDM, AND MORE.



BPE TUBE AND FITTING ITEM NUMBER SCHEME

SPECIFICATION

SP-8200

SHEET

2/2