ASME BPE-2012



BPE管件 Pipe Fitting

BPE系列管件是生物制药工程高洁净要求的最佳选择的管道配件，高质量的管道和管件，首先可缩短安装的准备工作，其次可避免在实际焊接操作中出现偏弧现象，易于自动焊机焊接，无需多次调整参数，节约焊接时间，最终缩短工期和满足FDA及GMP等要求。

ASME BPE standard is the best choice for hygienic requirement of pharmaceutical engineering,it has been recognized in over 30 countries,high-quality pipes and fitting will shorten the preparatory work of installing, and avoid arc phenomena in the welding operation, easy for automatic welding, no need to adjust several parameters,save welding time and ultimately shorten the construction period and comply with FDA & GMP.

Table DT-6 Final Tolerances for Electropolished Fittings and Process Components
BPE 管件壁厚公差范围

Nominal Size,in.	Wall Thickness	
	in.	mm
1 /4	+0.003/.0.006	+0.08/.0.15
3 /8	+0.003/.0.006	+0.08/.0.15
1 /2	+0.005/.0.010	+0.13/.0.25
3 /4	+0.005/.0.010	+0.13/.0.25
1	+0.005/.0.010	+0.13/.0.25
1 1 /2	+0.005/.0.010	+0.13/.0.25
2	+0.005/.0.010	+0.13/.0.25
2 1 /2	+0.005/.0.010	+0.13/.0.25
3	+0.005/.0.010	+0.13/.0.25
4	+0.008/.0.012	+0.20/.0.30
6	+0.015/.0.017	+0.38/.0.43

抛光等级 Polishing grade

Table SF-2.4-1 R_a Readings for Metallic Product Contact Surfaces

Surface designation	Mechanically Polished [Note (1)] R_a Max.	
	μ in.	μ m
SF0	No finish requirement	No finish requirement
SF1	20	0.51
SF2	25	0.64
SF3	30	0.76

	Mechanically Polished [Note (1)] and Electropolished R_a Max.	
	μ in.	μ m
SF4	15	0.38
SF5	20	0.51
SF6	25	0.64

机械抛光等级
Mechanical polishing grade

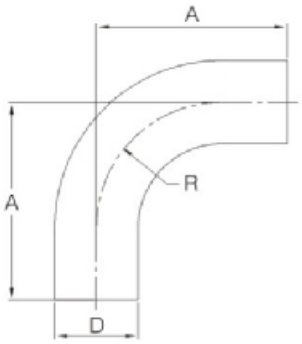
默认Default SF1：Ra 20=0.51 μ m

电解抛光等级
Electrolytic polishing grade

默认 SF4：Ra 15=0.38 μ m

长型-90° 对焊弯头-(选型系列) Long 90° weld elbow (selection series)

适用于Apply to：ASME BPE DT-4.1.1-1 Automatic Tube Weld: 90-deg Elbow



SIZE	尺寸 Dimension			壁厚 Thickness
	A	R	D	ASME BPE
1/2"	76.2	28.6	12.7	1.65
3/4"	76.2	28.6	19.1	1.65
1"	76.2	38.1	25.4	1.65
1-1/2"	95.3	57.2	38.1	1.65
2"	120.7	76.2	50.8	1.65
2-1/2"	139.7	95.3	63.5	1.65
3"	158.8	114.3	76.2	1.65
4"	203.2	152.4	101.6	2.10
6"	292.1	228.6	152.4	2.80