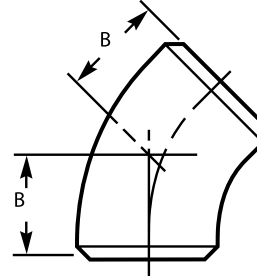
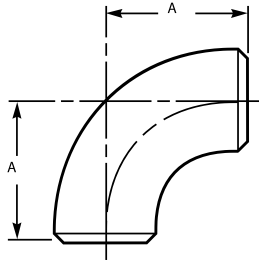


STD WT LONG RADIUS ELBOWS BUTTWELD



GVF CODE 90°	DN SIZE (mm)	OD SIZE (mm)	WALL (mm)	A (mm)	WEIGHT (kg)
ESL90015	15	21.3	2.77	38	0.08
ESL90020	20	26.7	2.87	38	0.08
ESL90025	25	33.4	3.38	38	0.15
ESL90032	32	42.2	3.56	48	0.26
ESL90040	40	48.3	3.68	57	0.37
ESL90050	50	60.3	3.91	76	0.65
ESL90065	65	73	5.16	95	1.29
ESL90080	80	88.9	5.49	114	2.02
ESL90090	90	101.6	4	133	2.84
ESL90100	100	114.3	6.02	152	3.84
ESL90125	125	141.3	6.55	190	6.51
ESL90150	150	168.3	7.11	229	10.1
ESL90200	200	219.1	8.18	305	20.3
ESL90250	250	273	9.27	381	36
ESL90300	300	323.8	9.53	457	53
ESL90350	350	355.6	9.53	533	68
ESL90400	400	406.4	9.53	610	89.2
ESL90450	450	457	9.53	686	113
ESL90500	500	508	9.53	762	140
ESL90600	600	559	9.53	838	202

GVF CODE 45°	DN SIZE (mm)	OD SIZE (mm)	WALL (mm)	B (mm)	WEIGHT (kg)
ESL45015	15	21.3	2.77	16	0.04
ESL45020	20	26.7	2.87	19	0.04
ESL45025	25	33.4	3.38	22	0.08
ESL45032	32	42.2	3.56	25	0.13
ESL45040	40	48.3	3.68	29	0.19
ESL45050	50	60.3	3.91	35	0.33
ESL45065	65	73	5.16	44	0.65
ESL45080	80	88.9	5.49	51	1.01
ESL45090	90	101.6	4	79	1.42
ESL45100	100	114.3	6.02	64	1.92
ESL45125	125	141.3	6.55	79	3.26
ESL45150	150	168.3	7.11	95	5.05
ESL45200	200	219.1	8.18	127	10.2
ESL45250	250	273	9.27	159	18
ESL45300	300	323.8	9.53	190	26.5
ESL45350	350	355.6	9.53	222	34
ESL45400	400	406.4	9.53	254	44.6
ESL45450	450	457	9.53	286	56.5
ESL45500	500	508	9.53	318	70
ESL45600	600	559	9.53	343	101

MATERIALS
ASTM A234 WPB
Carbon Steel Seamless

SPECIFICATIONS
Pressure Rating
As per ASME B31.3 (refer pg196)

STANDARD
Dimensional
ASME B16.9

VALVES
 GALVANISED
 MALLEABLE
 STAINLESS
 STEEL FITTINGS
 BLACK & GAL
 STEEL FITTINGS
 HIGH PRESSURE
 FITTINGS
 CAMLOCKS
 ROLL GROOVE
 BUTTWELD
 FLANGES