

### Girthweld Sheet Cutlengths

Pipe diameter DN	Outside pipe Ø inch	Sleeve length				Tol inch	Tol mm	Patch width					
		mm	inch	mm	inch			inch	inch	inch			
		A		B				C	D	E			
50	2,375	305	12,0	305	12	0,5	10	3	NA	NA			
65	2,875	330	13,0	330	13	0,5	10	3	NA	NA			
80	3,500	380	15,0	380	15	0,5	10	4	4	NA			
90	4,000	430	17,0	430	17	0,5	10	4	4	NA			
100	4,500	460	18,0	485	19	0,5	10	4	4	6			
125	5,563	550	21,5	585	23	0,5	10	4	4	6			
150	6,625	640	25,0	685	27	0,5	10	4	4	6			
200	8,625	800	31,5	915	36	0,5	10	4	6	6			
250	10,750	980	38,5	1120	44	0,5	10	4	6	6			
300	12,750	1150	45,5	1270	50	0,5	10	4	6	6			
350	14,000	1260	49,5	1395	55	0,5	10	4	6	6			
400	16,000	1420	56,0	1575	62	0,75	20	4	6	6			
450	18,000	1590	62,5	1730	68	0,75	20	4	6	6			
500	20,000	1770	69,5	1905	75	0,75	20	6	8	8			
550	22,000	1950	77,0	2055	81	0,75	20	6	8	8			
600	24,000	2110	83,0	2210	87	0,75	20	6	8	8			
650	26,000	2270	89,5	2415	95	0,75	20	6	8	8			
700	28,000	2430	95,5	2590	102	0,75	20	6	8	8			
750	30,000	2600	102,5	2720	107	0,75	20	6	8	8			
800	32,000	2760	108,5	2895	114	0,75	20	6	8	8			
850	34,000	2930	115,5	3075	121	0,75	20	6	8	8			
900	36,000	3100	122,0	3225	127	1	25	6	8	8			
950	38,000	3260	128,5	3405	134	1	25	6	8	8			
1000	40,000	3430	135,0	3555	140	1	25	6	8	10			
1050	42,000	3590	141,5	3710	146	1	25	6	8	10			
1100	44,000	3750	147,5	3860	152	1	25	6	8	10			
1125	45,000	3830	151,0			1	25						
1150	46,000	3910	154,0	4040	159	1	25	6	8	10			
1200	48,000	4065	160,0	4215	166	1	25	6	8	10			
1250	50,000	4240	167,0	4420	174	1	25	6	8	10			
	51,000	4320	170,0	4500	177	1	25	6	8	10			
1300	52,000	4420	174,0	4570	180	1	25	6	8	10			
	53,000	4500	177,0	4680	184	1	25	6	8	10			
1350	54,000	4590	180,5	4750	187	1	25	6	8	10			
	55,000	4650	183,0	4850	191	1	25	6	8	10			
1400	56,000	4750	187,0	4930	194	1	25	6	8	10			
	57,000	4830	190,0	5010	197	1	25	6	8	10			
1450	58,000	4900	193,0	5105	201	1	25	6	8	10			
	59,000	4980	196,0	5210	205	2	50	6	8	10			
1500	60,000	5080	200,0	5310	209	2	50	6	8	10			
	61,000	5155	203,0			2	50	6	8	10			
1550	62,000	5230	206,0			2	50	6	8	10			
	63,000	5310	209,0			2	50	6	8	10			
1600	64,000	5385	212,0			2	50	6	8	10			
	65,000	5460	215,0			2	50	6	8	10			
1650	66,000	5535	218,0			2	50	6	8	10			
	67,000	5640	222,0			2	50	6	8	10			
1700	68,000	5715	225,0			2	50	6	8	10			
	69,000	5790	228,0			2	50	6	8	10			
1750	70,000	5865	231,0			2	50	6	8	10			
	71,000	5945	234,0			2	50	6	8	10			
1800	72,000	6020	237,0			2	50	6	8	10			
	73,000	6095	240,0			2	50	6	8	10			
1850	74,000	6200	244,0			2	50	6	8	10			
	75,000	6275	247,0			2	50	6	8	10			

A	B
WPC/T	WPC120
WPC/B	PPS120
WPC/C	
WPC/D	
WPC-C30-E	
WPCZ	
WPC C30	
WPC C50	
WPC65M	
WPC100M	
HTLP60(-HP)	
HTLP80(-HP)	
HTLP60(-3L)PP	
HTLP80(-3L)PP	
HTLP-PP	

C	D	E
WPCZ	WPC-C30	WPC/D
WPC/T	WPC-C50	HTLP80/2-X
WPC/B	WPC65M/C	HTLP60/D
WPC65M/(1-x)	HTLP80(-HP)/C	
WPCZ-65M	HTLP60(-HP)/C	
WPC100M/(1-x)	WPC100M/C	
WPCZ-100M	WPC65M/1.4-x	
WPC120/B	HTLP60(-HP)/1.4-x	
HTLP60(-HP)/B	HTLP80(-HP)/1.4-x	
HTLP60(-HP)/1-x	WPC65M/1.4-x	
HTLP60(-HP)/1.2-x	WPC100M/1.4-x	
HTLP80(-HP)/B	HTLP-W/1.4-x	
HTLP80(-HP)/1-x		
HTLP80(-HP)/1.2-x		
HTLP60(-3L)PP/1-x		
HTLP80(-3L)PP/1-x		
HTLP60(-3L)PP/1.2-x		
HTLP80(-3L)PP/1.2-x		
HTLP-W/1.2-X		
PPS120/B		
PPS120/1-x		
HTLP-PP/1-x		
HTLP-PP/1.2-x		

Pipe diameter DN	Outside pipe φ inch	Sleeve length				Tol inch	Tol mm	Patch width		
		mm	inch	mm	inch			inch	inch	inch
		A		B				C	D	E

1900	76,000	6350	250,0			2	50	6	8	10
	77,000	6425	253,0			2	50	6	8	10
1950	78,000	6500	256,0			2	50	6	8	10
	79,000	6580	259,0			2	50	6	8	10
2000	80,000	6655	262,0			2	50	6	8	10
	81,000	6730	265,0			2	50	6	8	10
2050	82,000	6835	269,0			2	50	6	8	10
	83,000	6910	272,0			2	50	6	8	10
2100	84,000	6985	275,0			2	50	6	8	10
	85,000	7060	278,0			2	50	6	8	10
2150	86,000	7135	281,0			2	50	6	8	10
	87,000	7215	284,0			2	50	6	8	10
2200	88,000	7290	287,0			2	50	6	8	10
	89,000	7390	291,0			2	50	6	8	10
	90,000	7470	294,0			2	50	6	8	10
	91,000	7545	297,0			2	50	6	8	10
	92,000	7620	300,0			2	50	6	8	10
	93,000	7720	304,0			2	50	6	8	10
	94,000	7800	307,0			2	50	6	8	10
	95,000	7875	310,0			2	50	6	8	10
	96,000	7950	313,0			2	50	6	8	10
	97,000	8025	316,0			2	50	6	8	10
	98,000	8105	319,0			2	50	6	8	10
	99,000	8180	322,0			2	50	6	8	10
	100,000	8280	326,0			2	50	6	8	10
	101,000	8355	329,0			2	50	6	8	10
	102,000	8435	332,0			2	50	6	8	10
	103,000	8510	335,0			2	50	6	8	10
	104,000	8610	339,0			2	50	6	8	10
	105,000	8685	342,0			2	50	6	8	10
	106,000	8765	345,0			2	50	6	8	10
	107,000	8840	348,0			2	50	6	8	10
	108,000	8915	351,0			2	50	6	8	10
	109,000	8990	354,0			2	50	6	8	10
	110,000	9070	357,0			2	50	6	8	10
	111,000	9170	361,0			2	50	6	8	10
	112,000	9245	364,0			2	50	6	8	10
	113,000	9320	367,0			2	50	6	8	10
	114,000	9400	370,0			2	50	6	8	10
	115,000	9475	373,0			2	50	6	8	10
	116,000	9550	376,0			2	50	6	8	10
	117,000	9625	379,0			2	50	6	8	10
	118,000	9730	383,0			2	50	6	8	10
	119,000	9805	386,0			2	50	6	8	10
	120,000	9905	390,0			2	50	6	8	10
	121,000	9980	393,0			2	50	6	8	10
	122,000	10060	396,0			2	50	6	8	10
	123,000	10135	399,0			2	50	6	8	10
	124,000	10210	402,0			2	50	6	8	10
	125,000	10285	405,0			2	50	6	8	10
	126,000	10365	408,0			2	50	6	8	10
	127,000	10465	412,0			2	50	6	8	10
	128,000	10540	415,0			2	50	6	8	10
	129,000	10615	418,0			2	50	6	8	10
	130,000	10695	421,0			2	50	6	8	10
	131,000	10770	424,0			2	50	6	8	10
	132,000	10845	427,0			2	50	6	8	10
	133,000	10920	430,0			2	50	6	8	10
	134,000	11025	434,0			2	50	6	8	10
	135,000	11100	437,0			2	50	6	8	10
	136,000	11175	440,0			2	50	6	8	10

A	B
WPC/T	WPC120
WPC/B	PPS120
WPC/C	
WPC/D	
WPC-C30-E	
WPCZ	
WPC C30	
WPC C50	
WPC65M	
WPC100M	
HTLP60(-HP)	
HTLP80(-HP)	
HTLP60(-3L)PP	
HTLP80(-3L)PP	
HTLP-PP	

C	D	E
WPCZ	WPC-C30	WPC/D
WPC/T	WPC-C50	HTLP80/2-X
WPC/B	WPC65M/C	HTLP60/D
WPC65M(/1-x)	HTLP80(-HP)/C	
WPCZ-65M	HTLP60(-HP)/C	
WPC100M(/1-x)	WPC100M/C	
WPCZ-100M	WPC65M/1.4-x	
WPC120/B	HTLP60(-HP)/1.4-x	
HTLP60(-HP)/B	HTLP80(-HP)/1.4-x	
HTLP60(-HP)/1-x	WPC65M/1.4-x	
HTLP60(-HP)/1.2-x	WPC100M/1.4-x	
HTLP80(-HP)/B	HTLP-W/1.4-x	
HTLP80(-HP)/1-x		
HTLP80(-HP)/1.2-x		
HTLP60(-3L)PP/1-x		
HTLP80(-3L)PP/1-x		
HTLP60(-3L)PP/1.2-x		
HTLP80(-3L)PP/1.2-x		
HTLP-W/1.2-X		
PPS120/B		
PPS120/1-x		
HTLP-PP/1-x		
HTLP-PP/1.2-x		

Pipe diameter DN	Outside pipe $\phi$ inch	Sleeve length				Tol inch	Tol mm	Patch width		
		mm	inch	mm	inch			inch	inch	inch
		A		B				C	D	E
2200	137,000	11250	443,0			2	50	6	8	10
	138,000	11330	446,0			2	50	6	8	10
	139,000	11405	449,0			2	50	6	8	10
	140,000	11480	452,0			2	50	6	8	10
	141,000	11580	456,0			2	50	6	8	10
	142,000	11660	459,0			2	50	6	8	10
	143,000	11735	462,0			2	50	6	8	10
	144,000	11810	465,0			2	50	6	8	10

**Selection of sleeve width:**

Minimum installed overlap onto the line coating shall be 50 mm (2 inches). In order to allow for some width shrinkage during installation, please add a 10% safety factor, to the calculated width, and then choose the next widest standard with available e.g.:

**2x (maximum cutback + minimum overlap) x 1,1**

For a 150 mm (6") maximum cutback of coating at each pipe end, and a minimum specific 50 mm (2") overlap of sleeve onto line coating, the calculated width will be  $2(150+50) \times 1,1=440$  mm (17.3") and the standard supplied width will be 450 mm (17,7").

For a 150 mm (6") maximum cutback of coating at each pipe end, but a minimum specific 75 mm (3") overlap of sleeve onto line coating, the calculated width will be  $2(150+75) \times 1,1=495$  mm (19,5") and the standard supplied width will be 508 mm (20").

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