

PIPE SUPPORTS



Vertical and horizontal pipe runs require the use of pipe supports. Hanger and supports for Teel BQ PP-RCT pipes should be free of rough and sharp edges, typically accomplished with the use of a plastic, rubber or felt-lined protective sleeve.

There are two basic types of supports for Teel BQ PP-RCT pipes, fixed points and sliding points. A fixed anchor support is used when movement of the pipe must be restricted. The sliding guide support is used to allow movement of the pipe to occur.

When finished piping is visible, proper support intervals are necessary for an acceptable aesthetic appearance.

Fixed supports are used on vertical pipe runs and to control pipe movement through thermal expansion and thermal expansion loops. When using a fixed support it is important not to deform the pipe with a clamp that is too tight. Fixed supports placed on both sides of a fitting will restrict movement of the pipe in either direction, whereas a fixed support on only one side of a fitting will allow movement in one direction.

Sliding guide supports are used to allow pipes to move in different directions. It is important not to place a sliding guide clamp immediately before or after a fitting, or any place that would restrict movement of the pipe.

Use the table below to determine proper pipe support size based on the OD of the Teel BQ PP-RCT pipe side. Support Intervals in inches, based on ΔT between ambient temperature and fluid temperature.

Pipe Size				Teel BQ SDR 11 Mono Pipe	Teel BQ PP-RCT SDR 11, SDR 9 & SDR 7.4 Composite Pipe							
				20°C 68°F	0°C 32°F	20°C 68°F	30°C 86°F	40°C 104°F	50°C 122°F	60°C 140°F	70°C 158°F	
RECOMMENDED CLAMP SPACING												
20mm	==	1/2"	3/4"	24"	47"	36"	36"	33"	33"	31"	27"	
25mm	==	3/4"	1"	30"	55"	41"	41"	37"	37"	33"	31"	
32mm	==	1"	1 1/4"	35"	63"	47"	47"	42"	42"	40"	37"	
40mm	==	1 1/4"	1 1/2"	39"	70"	53"	53"	49"	49"	47"	42"	
50mm	==	1 1/2"	2"	47"	80"	61"	61"	57"	57"	53"	51"	
63mm	==	2"	2 1/2"	55"	90"	68"	68"	65"	65"	61"	57"	
75mm	==	2 1/2"	3"	59"	96"	72"	72"	68"	68"	65"	61"	
90mm	==	3"	3 1/2"	63"	102"	76"	76"	72"	72"	68"	65"	
110mm	==	3 1/2"	4"	71"	114"	84"	82"	78"	74"	71"	67"	
125mm	==	4"	5"	79"	125"	94"	88"	84"	76"	72"	68"	
160mm	==	6"	6 1/2"	87"	130"	96"	90"	86"	80"	76"	72"	
200mm	==	8"	8"	90"	136"	108"	99"	95"	83"	80"	75"	
250mm	==	10"	10"	95"	138"	111"	101"	96"	86"	81"	77"	
300mm	==	12"	12 1/2"	101"	150"	122"	111"	105"	94"	86"	81"	
350mm	==	14"	14"	114"	162"	132"	120"	114"	102"	90"	84"	
400mm	==	16"	15 3/4"	126"	180"	168"	144"	132"	120"	108"	96"	
450mm	==	18"	17 3/4"	134"	192"	180"	156"	144"	132"	120"	96"	
500mm	==	20"	19 3/4"	134"	192"	180"	156"	144"	132"	120"	96"	
560mm	==	22"	22"	134"	192"	180"	156"	144"	132"	120"	96"	

Use the table below to determine proper pipe support size based on the OD of the Teel BQ PP-RCT pipe side. Support Intervals in inches, based on ΔT between ambient temperature and fluid temperature.

				Teel BQ PP-RCT SDR 17.6 Composite Pipe							
Pipe Size		Clamp Size		0°C 32°F	20°C 68°F	30°C 86°F	40°C 104°F	50°C 122°F	60°C 140°F	70°C 158°F	
RECOMMENDED CLAMP SPACING											
125mm	==	4"	5"	100"	72"	68"	66"	62"	59"	55"	
160mm	==	6"	6 1/2"	102"	74"	70"	68"	64"	61"	57"	
200mm	==	8"	8"	104"	79"	74"	70"	68"	64"	61"	
250mm	==	10"	10"	108"	80"	76"	74"	70"	67"	62"	
300mm	==	12"	12 1/2"	110"	82"	79"	74"	73"	68"	67"	
350mm	==	14"	14"	112"	85"	80"	76"	73"	68"	68"	
400mm	==	16"	15 3/4"	116"	90"	86"	82"	79"	73"	68"	
450mm	==	18"	17 3/4"	120"	94"	90"	88"	85"	79"	74"	
500mm	==	20"	19 3/4"	123"	100"	96"	92"	90"	85"	80"	
560mm	==	22"	22"	128"	106"	102"	98"	94"	90"	86"	
630mm	==	24"	24 3/4"	129"	110"	108"	104"	100"	94"	90"	

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