

Setting Gaps

It is generally desirable that adjacent pipe ends do not make contact with each other in service. If there is insufficient gap, particularly on above ground pipes, the pipeline will tend to buckle as temperatures increase. We recommend maximum safe accumulated gaps which should not be exceeded in service. Also given are recommended setting gaps which allow for expansion and contraction or angularity in service.

Consideration of actual temperature movement or deflection conditions may lead to different initial setting gaps.

Where locating plugs are used, the setting gap should be increased by 9,5mm for sizes up to 324mm OD and 12,5mm for sizes above 324mm OD to avoid contact with the plugs.

Table 4

COUPLING SIZE (DN)	SLEEVE LENGTH	RECOMMENDED SETTINGS GAP		MAC ACCUM GAP
		COUPLINGS	FLANGE ADAPTORS	
≤50	83mm	14mm		25.5mm
>50	102mm	19mm	19mm	38mm
≤300	102mm	19mm	19mm	38mm
>300	178mm	38mm	32mm	76mm
≤1100	178mm	38mm	32mm	76mm
≥1200	356mm	38-57mm	32mm	114mm

THE MAXIMUM DIMENSIONS ABOVE MUST NOT BE EXCEEDED UNDER ANY CIRCUMSTANCES.

Product Storage

Products must be stored in a cool dark place below 20 degrees centigrade, store away from direct sunlight, electrical discharges and sparking electric motors. Always store sealing rings in an unstressed condition, never hang even for a short time

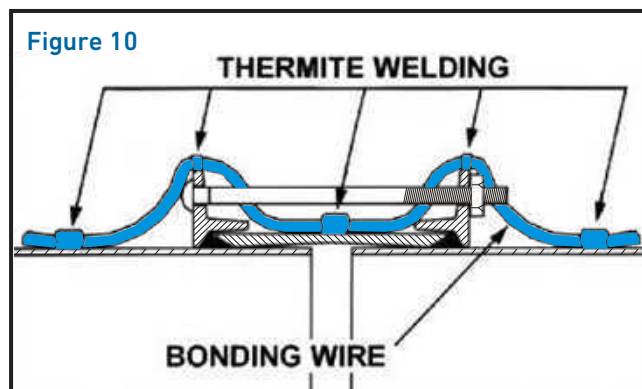
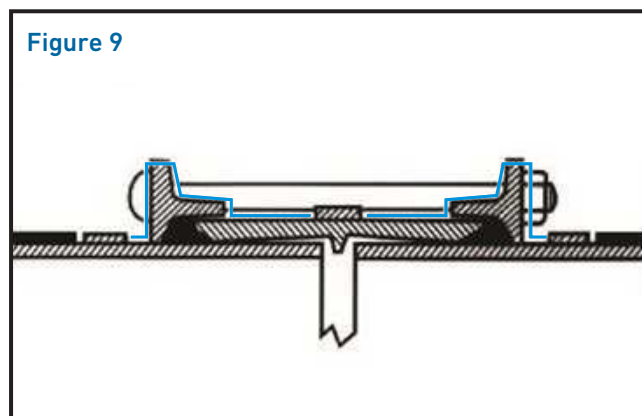
Cathodic Protection

The rubber sealing gasket incorporated into the KLAMFLEX coupling interrupts the flow of current from pipe to pipe. To counter this problem a wire or copper strap can be connected to the two pipes via the coupling.

Figure 9. The strap is welded to the pipes, without cathodically protecting the coupling.

Figure 10. The strap is also welded to the coupling, providing cathodic protection.

We recommend, for more detailed guidance, that contact should be made with one of the several companies specialising in cathodic protection. Bonding is equally applicable to both steel and iron pipes.



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www.georgfischer.com/locations



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