

## Swivel Joints

Available in sizes 3/4" through 3" up to 15,000 PSI non-stock cold working pressure, Swivel Joints offer the following features.

- Standard packing units (operating temperature to 225 °F)
- Available for standard and sour service
- All sizes are available in 8 styles, for 360 rotations in 1, 2 or 3 planes



### Quick Reference Chart

Model	Color Code	NSCWP	End Connections	Standard Service SIZE (in)						Sour Service SIZE (in)							
				3/4	1 <sup>1/4</sup>	1 <sup>1/2</sup>	1	2	3	3/4	1 <sup>1/4</sup>	1 <sup>1/2</sup>	1	2	3		
Low Pressure	BLUE	1,000	Female Line Pipe Threads						✓	✓							
High Pressure	OLIVE GREEN	6,000	Fig. 602 Union													✓	✓
	SILVER	6,000	Female Line Pipe Threads	✓	✓	✓	✓	✓	✓								
Extra High Pressure Long Sweep	OLIVE GREEN	7,500	Fig. 1002 Union													✓	✓
	OLIVE GREEN	10,000	Fig. 1502 Union													✓	✓
	BLACK	10,000	Female Line Pipe Threads						✓	✓							
	OLIVE GREEN	15,000	Fig. 2202 Union													✓	✓
	RED	15,000	Fig. 1502 Union						✓	✓							
	LIGHT BLUE	20,000	Fig. 2002 Union						✓	✓							

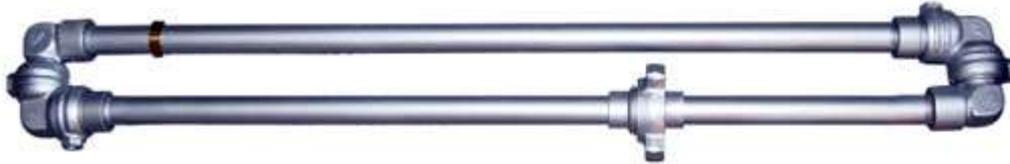
### Pup Joints



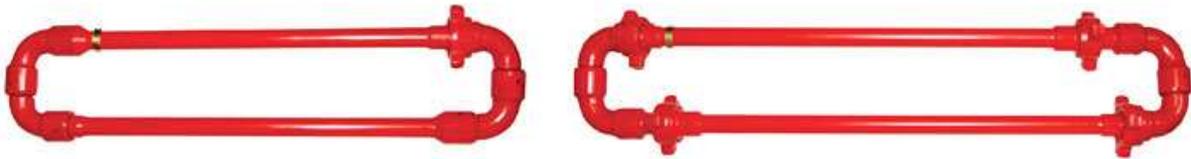
Available with integral, NPST or welded union end connections from 10,000 to 15,000 PSI NSCWP for standard and sour service.

## Steel Hose Assemblies

High pressure cementing and circulating hose incorporate swivel joints of forged steel with superior quality hardened ball races and high-pressure type packing units.



One wing union and two style 50 or style 10 swivel joints with threaded ends



- One wing union and one each style 50 and style 10 swivel joints with integral wing union ends
- Four wing unions and two style 50 or style 10 swivel joints with integral wing union ends
- Four wing unions and two style 50 or style 10 swivel joints

## Long Radius Swivel Joints



STYLE NO. 10  
MxM Union Ends



STYLE NO. 50  
MxF Union Ends



STYLE NO. 10  
MxF Union Ends



STYLE NO. 10  
Threaded Ends



STYLE NO. 50  
Threaded Ends