



CEMENTING AND CIRCULATING HOSES

General Description

Introduction

PARVEEN'S Cementing & Circulating Hoses are manufactured in various sizes (from 1" to 4") and in various configurations to meet virtually all needs of Oil Industry. These can handle a wide variety of fluids at cold working pressure up to 20,000 PSI. These hoses are made in steel to meet ASTM/AISI standards, are rugged, fold up easily and quickly for transportation. These are specially heat treated to get the desired hardness to suit various applications. Even sizes beyond 4" can be supplied to meet customer requirement.

Service Applications

These hoses are recommended for service in Low Pressure Lines, High & Extra High pressure Lines, Discharge Lines, Water Lines, Well Testing Lines, Cementing & Circulating Lines, Temporary Flow Lines and Extra Pressure Abrasive Applications.

Swivel Joint Connections

PARVEEN'S hoses features PARVEEN'S Swivel Joints which provide flexibility, maximize flow characteristics and absorb shock vibrations.

Wing Unions

PARVEEN'S wing unions end connections provided in the cementing hoses ensure pressure tight and fast make up and quick break-out without threading, welding or special connections.

Sour Gas Service

PARVEEN'S cementing hoses are available in various sizes and configurations for sour gas service as per NACE standards MR-01-75 and API standard RP-14E up to cold working pressure of 15000 PSI.

Method of Construction

These hoses can be manufactured either threaded or integral or welded constructions or with NPS end connections.

Standard Lengths of Hoses

Following standard lengths are available. These lengths are fully extended lengths of the unfolded hoses:

- Threaded Hose - 12 feet
- NPS Hose - 12 feet
- Welded Hose - 12 feet
- Integral Hose - 12 feet

Other lengths can also be provided on request. PARVEEN'S hoses are also available in half section configuration. In this case, stated length will be half of the length of comparable full length section. The loop can be divided into various sections depending upon the number of unions in the loop. The loop is generally in 4 & 2 sections.

Swivel Joint Styles

PARVEEN'S Swivel Joints can be manufactured equivalent to style 10, 20, 30, 40, 50, 60, 70 & 80. Normally the most used style in various applications in style 50 and style 10 but PARVEEN'S can cater for any style to meet customer requirements.

Pressure Ratings

Hoses with following ratings are available as given in table below.

Interchangeability

PARVEEN'S hammer unions or end connections are interchangeable with the unions and connections of all the major manufacturers of these products in the world.



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SWIVEL JOINTS	CEMENTING & CIRCULATING HOSES	COLOUR CODE	SERVICE	CONSTRUCTIONS DETAILS				NOMINAL SIZE (INCHES)						CWP (PSI)	UNION FIGURE
				THREADED	NPS	INTEGRAL	WELDED	1"	1 1/2"	2"	2 1/2"	3"	4"		
SHORT SWEEP SWIVEL JOINT (1", 1 1/2", 2", 2 1/2", 3", 4")	OLIVE GREEN	SOUR	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	100 PSI TO 6000PSI	FIG-602
	YELLOW/SILVER	STD	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	100 PSI TO 6000PSI	FIG-602	
	BLACK	STD	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	10000 PSI	FIG-1002	
	OLIVE GREEN	SOUR	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	10000 PSI	FIG-1502	
	BROWN	STD	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	6000 PSI TO 7500 PSI	FIG-602 OR FIG-1002	
LONG SWEEP SWIVEL JOINT (1", 1 1/2", 2", 2 1/2", 3", 4")	OLIVE GREEN	SOUR	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	6000 PSI TO 10000 PSI	FIG-602 OR FIG-1002 OR FIG-1502	
	BLACK	STD	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	10000 PSI	FIG-1002 OR FIG-1502	
	OLIVE GREEN	SOUR	-	-	✓	✓	✓	✓	✓	✓	✓	✓	15000 PSI	FIG-2202 OR FIG-1502	
	RED	STD	-	-	✓	✓	✓	✓	✓	✓	✓	✓	15000 PSI	FIG-1502	
	LIGHT BLUE	STD	-	-	✓	-	-	✓	-	✓	-	-	20000 PSI	FIG-2002	



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Parveen's typical steel Cementing & Circulating Hoses are shown below with its model numbers. These hoses have either Threaded ends or NPS or Integral or Welded ends.

Model Number indicates:

- i. Type of Sweep i.e. Long Sweep or Short Sweep (i.e. LS or SS)
- ii. Style of Swivel Joints used (i.e. Style 10, Style 50 or Style 10 & Style 50 both & numbers of swivel joints i.e. 1 or 2)
- iii. Numbers of Unions used (i.e. 1, 2 or 4 etc.)
- iv. Type of end connection i.e. Threaded (T), NPS (N), Integral (I) or Welded (W)

Example: Model Number PLSCCH-50-2-4U-1 indicates.

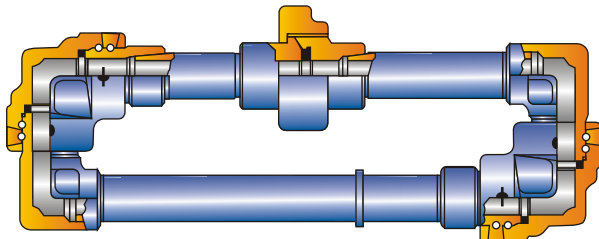
- i. **PLSCCH** : Parveen Long Sweep Cementing & Circulating Hose.
- ii. **50-2** : Style 50 Swivel Joint, 2 Numbers.
- iii. **4U** : 4 Numbers of Union
- iv. **I** : Integral Union End Connection

I. THREADED ENDS USING API LINE PIPE THREADS

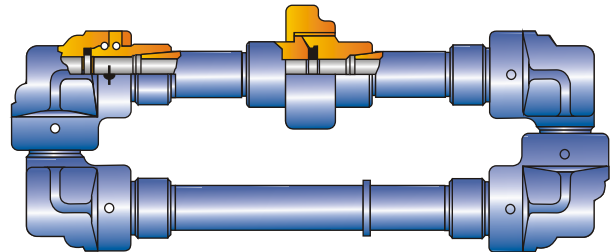
UNION (THREADED)	1 NO.	1 NO.	2 NOS.	2 NOS.	4 NOS.	4 NOS.
S. JOINT (THREADED)	STYLE-50 (2 NOS.)	STYLE-10 (2 NOS.)	STYLE-50 (2 NOS.)	STYLE-10 (2 NOS.)	STYLE-50 (2 NOS.)	STYLE-10 (2 NOS.)
MODEL NUMBER.	PSSCCH-50-2-1U-T	PSSCCH-10-2-1U-T	PSSCCH-50-2-2U-T	PSSCCH-10-2-2U-T	PSSCCH-50-2-4U-T	PSSCCH-10-2-4U-T

CONFIGURATION OF THREADED END MODELS

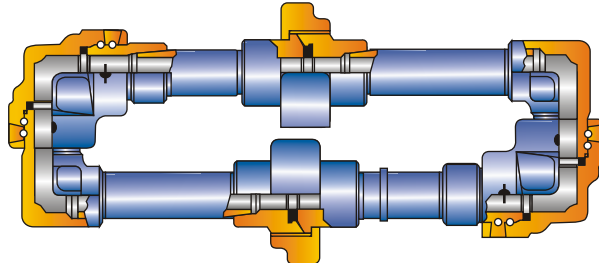
MODEL NUMBER: PSSCCH-50-2-1U-T



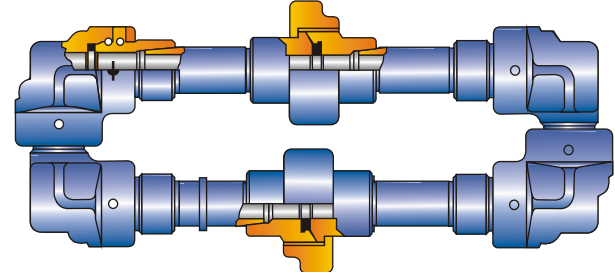
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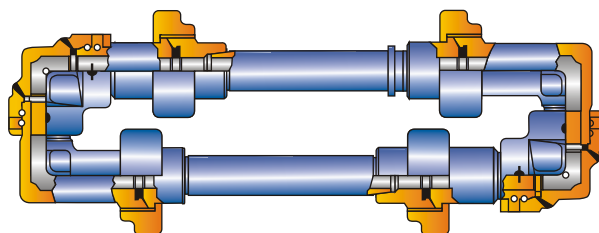
MODEL NUMBER: PSSCCH-50-2-2U-T



MODEL NUMBER: PSSCCH-10-2-2U-T



MODEL NUMBER: PSSCCH-50-2-4U-T



MODEL NUMBER: PSSCCH-10-2-4U-T

