



Gold Series Braided Flexible Pump Connectors

**For Vibration
Absorption &
The Elimination
Of Piping Stress
On Pumps**



KEFLEX™ Gold Series KSSPC braided flexible pump connectors are 100% American manufactured from stainless steel annular corrugated metal hose, surrounded with a tight weave heavy-duty wire braid of high-tensile stainless steel. This combination provides a highly-flexible braided pump connector with a longer service life than lighter duty-type connectors. The **KEFLEX™ Gold Series KSSPC**, which has higher pressure and temperature capabilities, can absorb pump vibration and noise and reduce piping stress due to minor misalignment and pressure variations. The reduction of stress on pumps and compressor housings can greatly reduce long-term operation and maintenance cost.

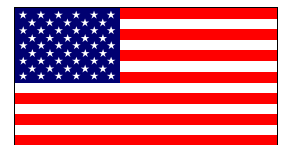
Standard end fittings for **KEFLEX™ Gold Series KSSPC** units are carbon steel male nipples for sizes 1/2" through 2". Sizes 2" and larger have standard carbon steel plate flanges (5/8" minimum thickness) with ASA 150# bolt hole patterns. Other fittings are available upon request.

These assemblies are intended for normal to severe pump vibrations. Misalignment should not exceed 1/8" total. Maximum operating temperature is 1000° F. For higher pressures or temperatures, consult the factory. For greater offset or lateral movements, use **KEFLEX™ KFCS** series flexible connectors. We believe that the **KEFLEX™ Gold Series KSSPC** braided flexible pump connector is the highest performing braided pump connector available in the industry. Sold exclusively through our manufacturing representatives, we challenge any other standard braided pump connector to outperform it in noise or vibration absorption, pressure carrying capacity and overall cycle life.

ADVANTAGES:

- ▶ **Same Day Shipment on Stock Sizes**
- ▶ **5—Year Extended Warranty Available!**
- ▶ **Custom Lengths Available**
- ▶ **Stainless Steel End Fittings Available Upon Request**

**MODELS:
KSSPC-MPT
&
KSSPC-FLG**



**100%
American
Made**

ADDITIONAL LITERATURE PERTAINING TO THIS PRODUCT SERIES:

- ◆ Installation Guide
- ◆ Submittal Drawings
- ◆ Engineering Specification
- ◆ KFCB Bronze Series
- ◆ SKSSPC Silver Series
- ◆ GPKSSPC Gold Series



Gold Series Braided Flexible Pump Connectors

Mechanical Specifications

Guide Specification-BRAIDED FLEXIBLE PUMP CONNECTORS

Scope & Construction

Braided Flexible Pump Connectors shall be provided on suction and discharge piping of all reciprocating and/or rotating mechanical equipment and sized to allow for vibration displacement of the equipment.

1. Flexible metal hose shall be high-pressure, stainless steel annular hose with stainless steel braid.
2. End fittings shall be male pipe thread or 150# drilling Carbon Steel flange-type, suitable for mating equipment and piping.
3. Units shall be Model "KSSPC" as manufactured by "KEFLEX™."

KSSPC-MPT Specifications

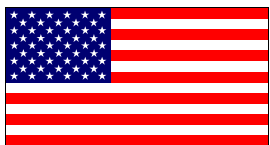


**Larger Sizes Available
Upon Request!**

Pipe Size (in.)	OAL (in.)	Part Number	Max Working Pressure @ 70°F*	Approx Weight (lbs.)
1/2	6-1/2	F004KSSPC	1050	1/2
3/4	7	F006KSSPC	675	3/4
1	8	F010KSSPC	550	1
1-1/4	8-1/2	F012KSSPC	510	1-1/4
1-1/2	9	F014KSSPC	450	1-1/2
2	10-1/2	F020KSSPCM	435	2-1/2

*Ratings for constant pressures, use 1/2 of ratings for pulsating pressures and 1/6 of ratings for surge pressures.

KSSPC-FLG Specifications



**100%
American
Made**

Pipe Size (in.)	OAL (in.)	Part Number	Max Working Pressure @ 70°F*	Approx Weight (lbs.)
2	9	F020KSSPCF	435	13
2-1/2	9	F024KSSPC	350	14
3	9	F030KSSPC	325	15
4	9	F040KSSPC	270	20
5	11	F050KSSPC	200	28
6	11	F060KSSPC	185	33
8	12	F080KSSPC	185	54
10	13	F100KSSPC	165	75
12	14	F120KSSPC	125	105
14	14	F140KSSPC	105	115
16	14	F160KSSPC	95	155

*Ratings for constant pressures, use 1/2 of ratings for pulsating pressures and 1/6 of ratings for surge pressures.