

# STAINLESS STEEL BRAIDED

## Special “Superflex” Connectors

### Special Configuration SF21 Superflex Assemblies

Unisource Superflex stainless steel braided hose is available in a variety of special styles.

**Superflex options:**

- Choose your overall length
- Select either single braid or double braid
- Fitting material can be carbon steel, stainless steel, or copper
- End fitting styles
  - Sch 40 or Sch 80 pipe threads
  - Hex wrenching surface
  - Beveled weld ends
  - Plate, raised-face, and weld neck flanges
  - Floating flanges
  - 150#, 300#, or 600# drill patterns
  - 150# or 3000# unions
  - JIC
  - Grooved
  - Copper sweat (tube) or copper hex male NPT



### SF21CSA Straight CSA Rated Connectors For Natural Gas



**SF21CSA connectors** are specifically designed for use as a flexible pipe connector in medium pressure natural gas applications. These heavy-duty connectors are CSA certified and can be fabricated with any of four different end configurations:

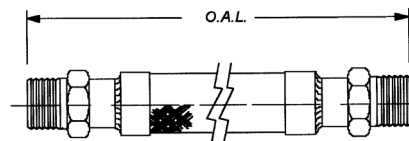
- Style 49 - 150# carbon steel weld neck flanges
- Style 58 - 300# carbon steel raised-face flanges
- Style 50 - Sch 80 male NPT hex ends
- Style 52 - Sch 80 beveled weld ends.

Each assembly is factory pressure-tested and is rated to 350 PSIG working pressure. Safety factors range from a minimum of 4:1 in 4” size to greater than 15:1 in size 1/2”. Finished assemblies are labeled with manufacturer, part number, maximum working pressure, certification report number, serial number and CSA logo. **SF21CSA** connectors are intended to provide vibration isolation and accommodate offset pipe motion. Unisource recommends a minimum 24” overall length, but the user may specify other overall lengths in keeping with the hose ratings for static and dynamic bend radius.

### SF21CSA STRAIGHT CSA RATED CONNECTORS

Hose & Braid: *300 Series Stainless Steel*

Ends: *Painted Carbon Steel – See Styles Noted Above*



Sizes (Inches)	No. of Braids	Part Number	Working Pressure @ 70°F. (PSIG)	Burst Pressure @ 70°F. (PSIG)	Min. Bend Rad. Static (Inches)	Min. Bend Rad. Dynamic (Inches)
1/2	1	SF21CSA-050-FF-FF-XX”	350	5340	1.50	6.0
3/4	1	SF21CSA-075-FF-FF-XX”	350	4540	2.13	8.0
1	1	SF21CSA-100-FF-FF-XX”	350	3180	2.75	10.0
1-1/4	1	SF21CSA-125-FF-FF-XX”	350	2440	3.50	13.0
1-1/2	1	SF21CSA-150-FF-FF-XX”	350	2120	4.50	14.0
2	1	SF21CSA-200-FF-FF-XX”	350	2140	6.00	16.0
2-1/2	1	SF21CSA-250-FF-FF-XX”	350	1580	6.50	15.0
3	2	SF22CSA-300-FF-FF-XX”	350	1820	8.50	18.0
4	2	SF22CSA-400-FF-FF-XX”	335	1340	11.00	22.0