



Flow Control

## Flexible Piping Systems

### Features:

- Absorbs thermal growth motion.
  - Excellent protection to adjacent piping and equipment.
- Compensates for misalignment.
  - Eliminates stresses.
- Controls vibration.
  - Normal mechanical equipment vibrations are isolated at the connector.
- Reduces noise.
  - High pipe vibration noise is greatly reduced...often eliminated.
- All metal construction.

### Application:

TFC-FPS pump connectors are a perfect match of style, wall thickness and design to minimise the forces and stress within piping systems. These connectors are factory engineered, manufactured and tested to effectively minimise the stress on pump and compressor housing and to isolate vibrations transmitted by mechanical equipment. TFC-FPS can help you comply with noise level requirements by reducing pipe vibration throughout a structure.

The basic function of pump connectors is to provide piping systems with the flexibility needed to absorb noise and vibration, compensate for thermal growth, or permit motion of other piping elements.

PCM - Pump Connectors with Steel Male Screwed BSP or NPT Ends				
Pipe Size mm	Part Number	Overall Length mm	Maximum W.P. (BAR) @21°C	Approx Weight kg
12	PCM012	300	74 BAR	0.2
20	PCM020	300	65 BAR	0.3
25	PCM025	300	50 BAR	0.4
32	PCM032	300	39 BAR	0.6
40	PCM040	300	35 BAR	0.9
50	PCM050	300	30 BAR	1.3



PCF - Pump Connectors with Steel Flanges to ANSI/BS10 or AS2129				
Pipe Size mm	Part Number	Overall Length mm	Maximum W.P. (BAR) @21°C	Approx Weight kg
65	PCF065	300	26 BAR	6.0
80	PCF080	300	22 BAR	6.7
100	PCF100	300	18 BAR	9.0
125	PCF125	350	11 BAR	12.6
150	PCF150	350	11 BAR	14.8
200	PCF200	400	7 BAR	26.6
*250	PCF250	450	9 BAR	34.5

Note: \* Braided Braid



Notes: Working pressures shown are based on a 4:1 safety factor. Pressure ratings shown are for steady pressures. For shock or pulsating pressure consult TFC-FPS.

All pump connectors should be installed in a straight-line without offset. When installing, piping should be anchored or hung so that the weight of the piping does not rest on the pump connector.

Order TFC-FPS pump connectors by part number.

