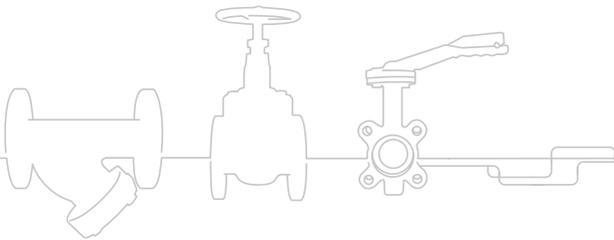


Flexible Connectors



Fitting Instructions



Selection

Prior to installation check you have selected the correct flexible connector for the application, pressure, temperature and media requirements.

Inspection

Before installing flexible connectors they should be checked for any damage internally and externally paying particular attention to the mating face. Make sure the sealing face is clean and free of debris as this will prevent sealing with the mating flange.

Installation

Flexible connectors should be installed at their natural length. If gaps are being left in the pipework for retro fitting make sure this gap conforms to the exact natural length of the connector. Pipework should be aligned before installation the connector is not designed to compensate for poorly aligned pipework.

Please consult datasheet for allowable movement.

The correct mating flange should always be selected and the sealing face checked for debris and any sharp edges as this could result in damage to the rubber.

If faces of mating flanges have a different diameter a sealing gasket should be used to avoid damage to the rubber face.

Flange bolts must be fitted with the bolt head nearest the connector to avoid damage to the rubber. Bolts must be tightened in a gradual manner tightening opposite bolts in turn. Do not over tighten as this will result in leakage. It is prudent to check tighten the bolts after seven days.

Avoid installation in direct sunlight and dry hot air as this can reduce the lifetime of the rubber.

The presence of any solid debris, dirt or grit in the media can lead to abrasion of the interior rubber and a much reduced product service life. Strainers should always be fitted to remove such debris from the media.

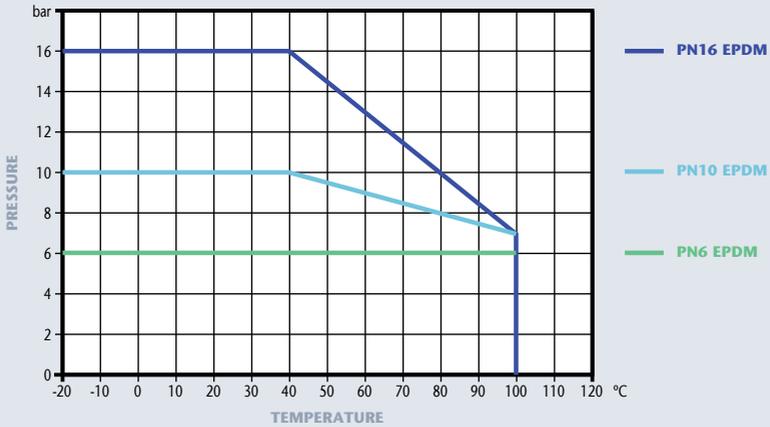
Maintenance

Many years of trouble free installation can be achieved with properly installed flexible connectors. It is essential they are used within their temperature, pressure and media limitations. Regular inspection of the rubber is advised to check for deterioration we also advise a thorough internal and external inspection after a maximum of 3 years of service and replacement should be considered if deterioration or wear is witnessed.

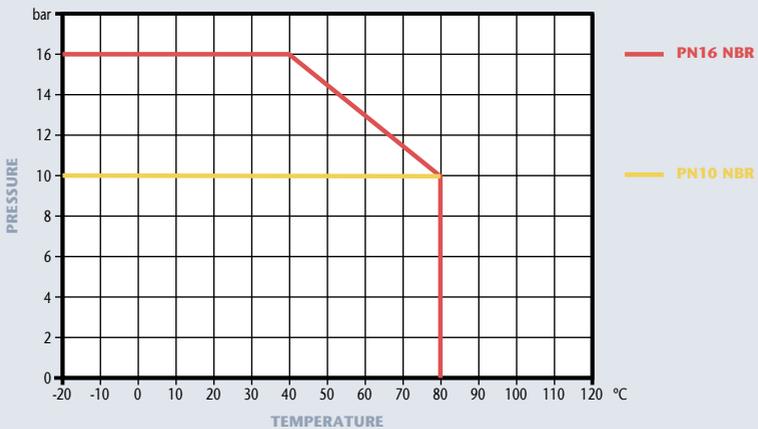
Flange bolts should be checked for correct tightness at regular intervals. The rubber should never be painted as this could damage the rubber and lead to reduced performance and service life.

Pressure / Temperature Charts

Pressure / Temperature (EPDM)

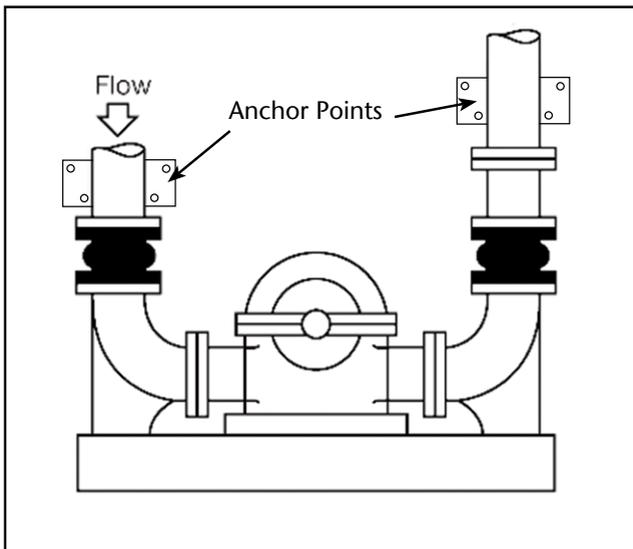


Pressure / Temperature (NBR)



Anchoring

It is essential that flexible connectors are anchored to protect adjacent pipework and plant. Fig 1 shows how to anchor pipework in close installation to pumps. Selection of tied rubber flexible connectors should be considered above 100mm when the pressure is greater than 2.5 bar.



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