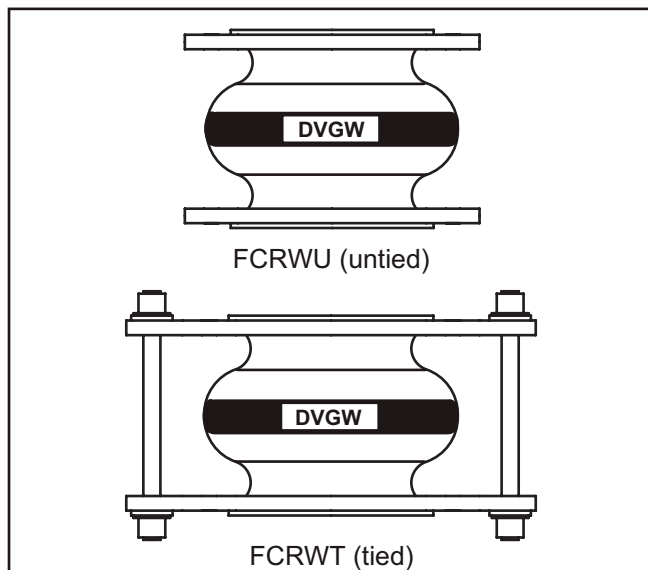


RUBBER FLEXIBLE CONNECTOR (DVGW - KTW) Model FCRWU + FCRWT



APPLICATIONS

Rubber flexible connectors are designed to reduce noise and vibration transmission from plant items.

These models have inert Butyl-EPDM rubber compound to ALL wetted parts, and can be used accordingly on steel, copper or plastic pipes for the following applications:-

Low Temperature Heating (LTHW)
Chilled Water, inc. glycol (CHW)
Condenser Water (Cond.W)

Where required, these models are in accordance with DVGW-KTW, for the following applications:-

Potable Water Service (Drinking)
Cold Water Service (CWS)
Hot Water Service (HWS)



Nominal Size DN (mm)	Installation Length (mm)	Axial Compression (mm)	Axial Elongation (mm)	Lateral Shear (mm)	Product Code (MODEL-SIZE-OAL-ENDS)
25	130	30	15	30	FCRW(U)(T)-025-130-PN##
32	130	30	15	30	FCRW(U)(T)-032-130-PN##
40	130	30	15	30	FCRW(U)(T)-040-130-PN##
50	130	30	15	30	FCRW(U)(T)-050-130-PN##
65	130	30	15	30	FCRW(U)(T)-065-130-PN##
80	130	30	15	30	FCRW(U)(T)-080-130-PN##
100	130	30	15	30	FCRW(U)(T)-100-130-PN##
125	130	30	15	30	FCRW(U)(T)-125-130-PN##
150	130	30	15	30	FCRW(U)(T)-150-130-PN##
200	130	30	15	30	FCRW(U)(T)-200-130-PN##
250	130	30	15	30	FCRW(U)(T)-250-130-PN##
300	130	30	15	30	FCRW(U)(T)-300-130-PN##
350	200	30	15	30	FCRW(U)(T)-350-200-PN##
400	200	30	15	30	FCRW(U)(T)-400-200-PN##
500	200	30	15	30	FCRW(U)(T)-500-200-PN##
600	200	30	15	30	FCRW(U)(T)-600-200-PN##

The data above is for non PED and SEP applications only.
For more demanding applications, these flexible connectors must not be used.
Refer to other flexible connector models.

SPECIFICATION

FCRWU - Untied model with nylon reinforced butyl/epdm rubber bellows and carbon steel round flanges. Also available with unions.

FCRWT - Tied model with nylon reinforced butyl/epdm rubber bellows and carbon steel 'profiled' flanges and tie bars with noise absorbing top hat rubber bushes.

DVGW-KTW* Approval for drinking water in Germany in accordance with 1986 Federal Health Bureau.

*Deutscher Verein des Gas- und Wasserfaches e.V. - Kunststoffe und Trinkwasser

Conforms with PED* 97/23/EC. *Pressure Equipment Directive

Fully traceable and has the date of manufacture, pressure and temperature rating, nominal diameter, manufacturer, model and identifiable colour coding permanently moulded into the membrane.

OPERATING PARAMETERS

Untied and Tied Flanged models:

for maximum life expectancies:

Simultaneous Operating Maximums, TS,PS = 100 °C. up to 6 Barg.
Simultaneous Operating Maximums, TS,PS = 70 °C. up to 8 Barg.
Simultaneous Operating Maximums, TS,PS = 50 °C. up to 10 Barg.
Cold Test Pressure, PT = 15 Barg.

with reduced life expectancies:

Simultaneous Operating Maximums, TS,PS = 100 °C. up to 10 Barg.
Simultaneous Operating Maximums, TS,PS = 70 °C. up to 12 Barg.
Simultaneous Operating Maximums, TS,PS = 50 °C. up to 16 Barg.
Cold Test Pressure, PT = 15 Barg.

For Untied models, if the pipe/plant is not rigid, then the operating pressure must not exceed 3 Barg.

When fitting to plant that is mounted on anti-vibration mounts or on inertia bases, then the Tied Flanged model must be used.