

EMFLEX

EPDM Rubber Flexible Connectors **DIN4809**

EMFLEX EPDM (Ethylene Propylene Diene Monomer) rubber flexible connectors are comprised of a synthetic rubber membrane reinforced with a high tensile polymer textile cord. The collars are wire reinforced and the unit is complete with carbon steel flanges. They are capable of absorbing movement in several directions; axial compression, axial elongation and lateral deflection. A small amount of angular movement may also be allowed. They are normally installed in the pipework to isolate various items of plant which produce noise and vibration. These flexible connectors effectively dampen the transmission of sound and vibration from plant items in building services installations.



Type **RR** Untied

EPDM rubber membrane reinforced with a high tensile cord and fitted with untied (circular) zinc plated carbon steel flanges. Suitable for use on hot water and chilled water under 4 bar unless the pipework is secured. They are approved to **DIN4809** for use in heating plants and are fully certified to this affect.

Type **RR** Tied

EPDM rubber membrane reinforced with a nylon textile cord and fitted with tied (oval) zinc plated carbon steel flanges complete with isolating tie bars. Suitable for use on hot water and chilled water under 10 bar. They are approved to **DIN4809** for use in heating plants and are fully certified to this affect.

Nominal Bore	Installed Overall Length	Untied & Tied Unit	Untied Units Only	Untied & Tied Unit
		Axial Compression	Axial Elongation	Lateral Deflection
mm	mm	mm	mm	mm
25	130	30	30	30
32	130	30	30	30
40	130	30	30	30
50	130	30	30	30
65	130	30	30	30
80	130	30	30	30
100	130	30	30	30
125	130	30	30	30
150	130	30	30	30
200	130	30	30	30
250	130	30	30	30

Working Pressure: 10 bar (1000kPA)

Test Pressure: 1.5 x Working Pressure

Working Temperature: -10°C to 110°C

Key Features:

Complies with DIN4809 Parts 1 & 2 and is fully approved and certified to this affect.

Verified burst pressure of 30 bar gauge minimum after 10 years service. An increased safety point.

Fully traceable and has the date of manufacture, DIN approval registration number, pressure and temperature rating, nominal diameter, manufacture, type and identifiable colour coding permanently moulded into the membrane.

Laboratory tested for noise and vibration reduction capabilities. Tied units are fitted with noise absorbing top hat washers.

Distributor :

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