

QUICKFLEX®

Machine Mount



Cup Spring Mount



Enclosed Spring Mount



Spring & Rubber Hanger



Open Spring Mount



Closed Spring Mount



Spring Viscous Damper - 2 & 4



Inertia Base Frame

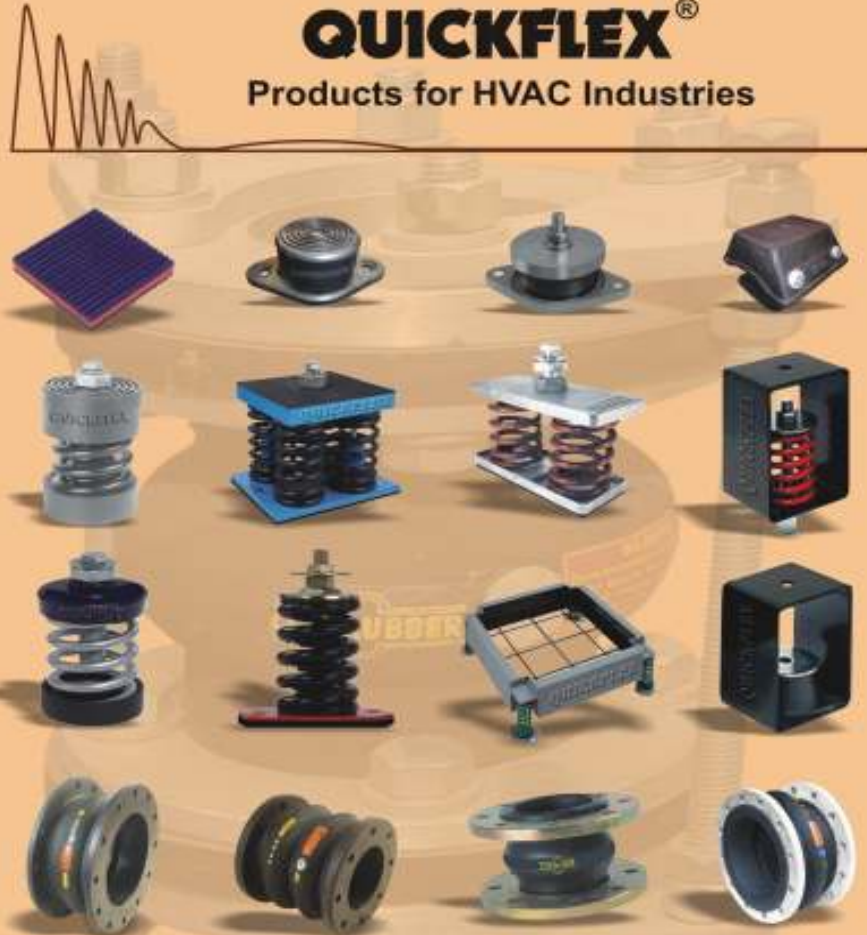


CORI ENGINEERS PVT. LTD.

Leading manufacturer of Rubber Expansion Joints & Vibration Isolators

COMPANY WITH
QUALITY MANAGEMENT SYSTEM
CERTIFIED BY DNV GL
• ISO 9001:2008 •

QUICKFLEX®
Products for HVAC Industries



- Rubber Expansion Joints
- Metal Expansion Joints
- Vibration Isolators
- SS Braided Bellows

CORI ENGINEERS PVT. LTD.

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● CORI ENGINEERS PRIVATE LIMITED is an associate company of IGP Group. ● CORI is in the field for more than 30 years. ● CORI has manufacturing units for rubber products with complete infrastructure and essential testing facilities. ● CORI Mounts are marketed in the brand name CORIRUBBER® & QUICKFLEX®

S.No	Description	Applications	Load Range (kg)	Images
1	Sandwich Mountings	Small Engines, Hoppers, Small Compressors & Fans.	80 - 450	
2	Rectangular Sandwich Mountings	Lift Head Gear, Road Vehicles Engine, Mobile Construction Plant, Hoppers, Conveyor Systems.	200 - 1500	
3	Cushyfoot Mountings 'W' Type	Centrifuges, Compressors, Crushers, Diesel Engines, Pumps & Refrigeration Plant, Fans & Blowers, Chiller & Cooling Towers, Printing Machines, Mobile Units.	100 - 350	
4	Cushyfoot Mountings 'B' Type	Large Instrument Panels, Textile Machines, Power Presses, Shearing Machines, Heavy Pumps, Generators, Heavy Chiller & Cooling Towers, Heavy Fans & Blowers.	450 - 1600	
5	Rubber Mountings	Axial and Centrifugal Fans, Air Handling Units, Pumps & Refrigeration Plants, Air Conditioning Equipments, Rotary and Multi Cylinder Compressors.	15 - 1000	
6	Rubber Pads	Packaged Air Handling Units, Small Pumps & Compressors, Low Requirement Vibration Isolation, Lathes, Woodworking Equipments, AC Units.	30 - 400	
7	Fallsafe Mountings	Air Handling Units, Pumps & Refrigeration Plants, Compressors, Construction and Industrial Machinery, Generators.	70 - 250	
8	Machine Mounts	Power Presses, Notching Machines, Lathes, CNC Machines, Wire Cutting Machines, Plastic Processing Machines, Pharmaceutical Machines, Chilling Plants.	50 - 2800	
9	Pedestal Mounts	Large Motor Compressor Units, Tanks, Under Metal Working Machinery, Textile Machinery, Refrigeration & Air Conditioning Equipments.	400 - 1000	
10	Base Mounts - Fallsafe	Compressors, Diesel Engines, AC Units, Industrial Fans & Blowers, Chiller & Cooling Towers.	600 - 2000	
11	Cylindrical Mounts	Compressors, Radiators, Pumps, Air Conditioners, Small Fans, Motors, Laboratory Equipments, Sensitive Equipments, Control Panels.	5 - 1600	
12	Duct Mounts	FCU/S Units, Mounting Rails, Rooftop Units, EFRSC 'S' Units, Construction Pipe Units.	20 - 80	
13	Spring & Rubber Hangers	Air Handling Units, FCU/S Cabinet Fans, Piping & Ductwork, Fans and Blowers Units, HVAC Units, CSU Units.	30 - 1100	
14	Open & Closed Spring Mounts	Refrigeration Compressors, Pumps, Axial & Centrifugal Fans, Internal Combustion Engines, Blowers, Cooling Towers, Heavy Fans, Heavy Presses, Chillers, Building Foundations, Test Beds.	50 - 5000	

CORIRUBBER®

Types of Rubber Expansion joints

CORIRUBBER SERIES 150

Single Spool Wide Arch

Installed next to mechanical equipment or between the anchor points of a piping system. Due to improved lower, wide profile arch, more axial compression and axial extension coupled with lateral misalignment, angular and torsional movements can be obtained without increasing the face-to-face requirements. This model will negate the need for long and expensive multi arch products. Flanges can be integrated rubber or metal. Metal can be integrated or rotating type.

Movements for single spool wide arch (metal / rubber flange)

NB(mm)	Face-to-face (mm)	Design Pressure (bar)	Axial Compression	Axial Elongation	Lateral Deflection
25-200	150	20	20	15	15
250-300	200	20	20	15	15
350-500	200	20	30	15	15
550-1000	250	16	30	15	15

CORIRUBBER SERIES 200

Multi Arch Type / Double Arch Type

- Accommodates greater movement than single arch type
- Minimum joint length depending on the number of arches
- Maximum 4 arches recommended to maintain lateral stability

Movements for double arch (moulded)

NB(mm)	Face-to-face (mm)	Design Pressure (bar)	Axial Compression	Axial Elongation	Lateral Deflection
50-200	250	16	25	20	20
250-400	300	16	25	20	20
450-600	350	10	25	20	20

Sizes upto 1000mm with a Face-to-Face distance of 500mm for a maximum working pressure withstanding capacity of 15bar can be fabricated.

CORIRUBBER SERIES 300

Wide Arch Type

- This model gives greater amount of movements in the shortest possible space
- Arch design reduces turbulence and allow smooth quiet flow
- Arch design prevents sediment build up
- Flanging flanges can be rotated to accommodate torsional misalignment
- Lower spring rate for FRP Pipelines

Movements for wide arch

NB	Face to Face	Design	Axial Compression	Axial Elongation	Lateral Deflection	Angular
(mm)	(mm)	Pressure (bar)	(mm)	(mm)	(mm)	(mm)
50-300	130, 150, 200	16	25	25	25	20 to 5°



APPLICATIONS

HVAC

- Chilled water
- Pumps inlet & outlet
- Chillers inlet & outlet

- Brine solution fans
- Pumps inlet & outlet
- Chillers inlet & outlet

