



Y.N.

APPLICATION OF PIPE COUPLING



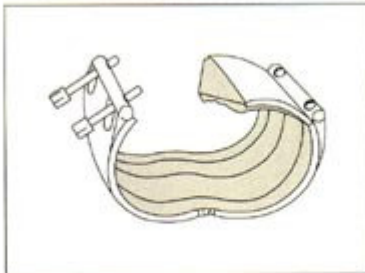
Versatile, economical

YN-Multiflex pipe couplings are used everywhere there are pipes. They can quickly join even piping of different materials. The flexible joints, requiring no special tools, are completely tight and durable. They also allow a diameter difference and a substantial inclined deviation between pipe diameters.

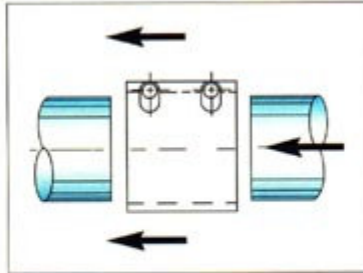
The most common applications are

- as flexible elements in industrial piping
- for quick piping modifications used together with the YN-modules system
- for connecting together pre-manufactured piping
- in restricted spaces and spaces with a fire risk: as a piping extension
- in locations where speed of construction is important
- for piping susceptible to blockage
- in shipbuilding: to save weight and space and also to eliminate noise resonance and vibration
- for connecting piping of different materials together
- in the stress-free construction of under ground metal piping containing pressure
- for fast and reliable repair of all types of piping

YN-Multiflex couplings have many advantages



1) Suitable for new building and repair work. The piping can be quickly disassembled and the couplings can be used again.



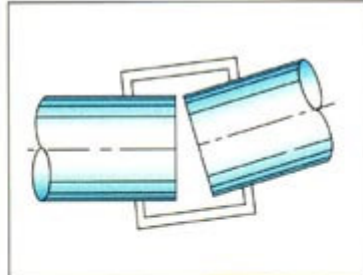
2) Installation is fast and troublefree. Neither special tools nor expertise are required.



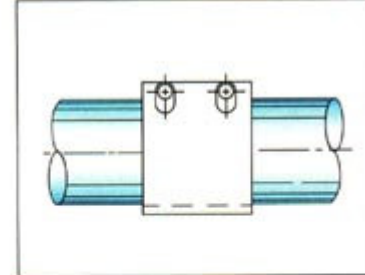
3) Completely corrosion-free construction. Only the rubber sealing is in contact with the flowing media.



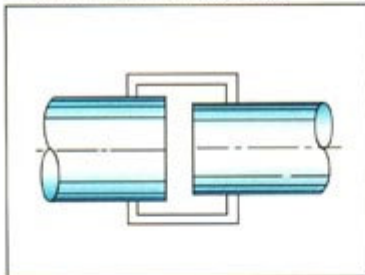
4) Light weight space-saving construction. Easy to install even in restricted spaces.



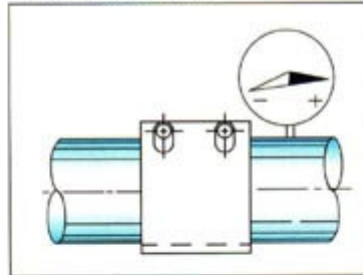
5) YN-Multiflex pipe couplings allow a maximum inclined deviation of 10°



6) The coupling acts as a flexible compensator for movements caused by heat and also effectively dampens vibration.



7) The difference in diameters between the pipes to be joined maybe 4mm and the coupling is suitable for all piping materials.



8) By virtue of its construction, the coupling is just as reliable in piping containing pressure above or below atmospheric pressure.

YN-Multiflex couplings produce a fast and flexible joint which lengthens the lifetime of the piping and lowers maintenance costs.



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PIPE COUPLINGS SITE APPLICATION

Shipbuilding, Offshore

pipes for firefighting, plumbing, ballast, compressed air supply and removal, transport, cooling water, sea water and fresh water.
Not a rigid pipe joint, but 2° pipe misalignment tolerated in any direction. Trouble-free and free from maintenance even under dynamic loads.
Sound absorbatin and vibration dampening. Good accessibility for fitting. Excellent space saving when laying pipes and low weight.



Water and Gas Supplies

Pump and hydrant pipes, shaft pipes, distribution lines, house connections.
A handy pipe coupling designed for all construction site conditions.
Effortless fitting without loose parts. A good professional job even in narrow trenches, in dirty and cold conditions. Even earth movement doesn't affect this pipe joint.



Building Construction and Civil Engineering

Cold and warm water lines, pump lines, gas and compressed air lines, temporary pipelines.
Direct installation of pipe sections Without preassembly, no costly alignment and adjustment. Galvanized pipes can be cut to length on site. No additional pipe end machining. Tolerates changes in direction without fixed points, supports or holders.



Power Plants

Cooling return pipes, compressed air and firefighting lines, lubrication pipes.
The pipe joint withstands continuous temperatures from -30°C to +100°C and operating pressures up to 16 bar. Functional reliability even under water hammer and shock loading. Pipe damage can be repaired rapidly.



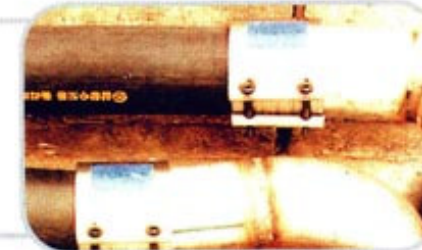
Machinery, Design Work

Cooling and compressed air lines, suction and lubrication pipes, fuel pipes.
Versatility in use thanks to compact size. Available in many sizes. Tolerates dimensional variances and is unaffected by vibration. Simple fitting and removal. Reusable several times. Easy servicing.



Industrial Plants, Plant Maintenance

Ring and riser pipes, power and process pipes, firefighting, transport and conveying lines.
The special design of the pipe coupling ensures a longlasting seal, accommodates dimensional variances and keeps pipeline construction stress free. Subsequent installations can be carried out rapidly with your own personnel, without fire or explosion hazards.



EPDM -30°C~+100°C

Sealing for water, waste water, air and many chemical products.

NBR -20°C~+80°C

Sealing for oil, gases, fuels, lubricants and other hydrocarbons.