



**LYE**

FLEXIBLE

# STEPPED COUPLING (PA)

FOR PVC-O/PVC-M/\*PE  
TO AC/MS(JKR) PIPES



## In Brief

- ▶ Stepped Couplings for Joining Plain Ended Pipes
- ▶ Flexible Jointing Solution for Quick & Easy Installation
- ▶ Suitable for Potable Water, Neutral Liquids & Sewage
- ▶ **Working Pressure** : PN16
- ▶ **Coating** : Fusion Bonded Epoxy
- ▶ **Sealing** : EPDM

## Standards

- ▶ **Test** : EN 12266-1
- ▶ **For PVC-O Pipe** : ISO 16422
- ▶ **For PVC-M Pipe ( ≥ DN150 )** : AS/NZS 4765, S1
- ▶ **For PE Pipe** : EN 12201 / MS 1058 / AS 1159
- ▶ **For AC Pipe** : AS 1711 / BS 1211 / MS 712 (CD) / BS 486 1981 CLASS 20
- ▶ **For MS Pipe** : JKR STANDARD

## Features

- ▶ **Range of Coupling Sizes** : DN100 to DN300
- ▶ Pipe Materials with Different Outer Diameter(OD)
- ▶ For System Transition on Connecting Different Pipe Materials
- ▶ Wedge Gasket Type Allow OD Tolerance (+1-3mm) for Water Sealing

Note: \*Good Installation Practice May be Required for PE Pipe Installation

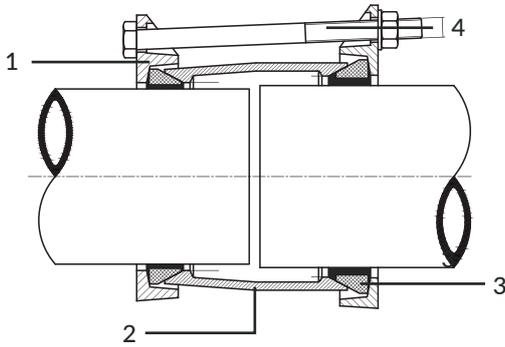


**LYE MANUFACTURING SDN.BHD.** (197701001852 (32836-H))  
Manufacturer of Valves, Hydrants, Joints, Fittings & Manhole Covers

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## Technical Table

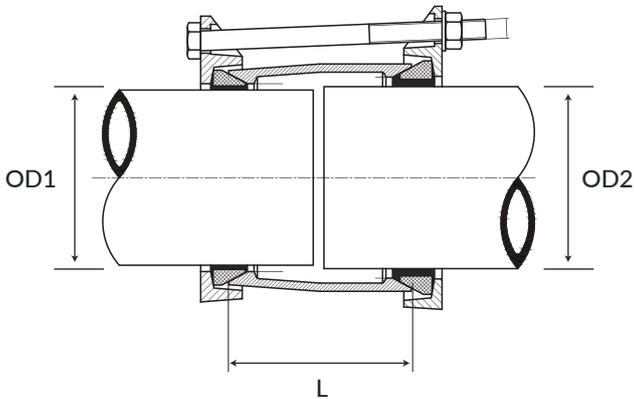
## Assembly Chart



| No. | Component     | Material              | Standard Ref. |
|-----|---------------|-----------------------|---------------|
| 1   | Gland Flange  | Ductile Iron          | BS EN 1563    |
| 2   | Sleeve/Collar | Ductile Iron          | BS EN 1563    |
| 3   | Gasket        | EPDM                  | BS EN 681     |
| 4   | Bolt & Nut    | Hot Dipped Galvanized | BS EN 4190    |

## Specifications & Parameters Chart

| DN (mm) | OD1 (mm) | OD2 (mm) | L (mm) | Bolts |
|---------|----------|----------|--------|-------|
| 100     | 110      | 121.9    | 110    | M12x4 |
| 100     | 125      | 121.9    | 110    | M12x4 |
| 150     | 160      | 177.3    | 130    | M12x4 |
| 150     | 180      | 177.3    | 130    | M12x4 |
| 200     | 200      | 232.2    | 150    | M12x4 |
| 200     | 200      | 244.5    | 150    | M12x4 |
| 200     | 225      | 232.2    | 150    | M12x4 |
| 250     | 250      | 286.0    | 165    | M12x6 |
| 250     | 280      | 286.0    | 165    | M12x6 |
| 300     | 315      | 345.5    | 170    | M16x8 |



*Good Installation Practice may be Required for PE Pipe Jointing, Contact LYE for Further Advice*

Note: Technical data provided in this brochure is indicative only and may be subject to change without prior notice.



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