

# M.O.L. ROMGUM

pipe seals and profiles



M.O.L. ROMGUM is a leading manufacturer of rubber seals and rubber products, mainly focusing on rubber seals for sewage and water pipes.

## DS MOL SYSTEM – SEALS FOR PRESSURE PIPES

### Introduction

Three-lip DS-MOL system seals are used for pressure pipes and fittings. The unique design of the three-lip seal ensures a reliable and tight connection of the pipes. The first lip has a stabilizing function, the second lip retains contaminants, and the third and the largest lip optimally seals the pipe connection.

### Requirements

DS-MOL system seals are manufactured according to EN 681-1 WA and have a certificate of admission for contact with drinking water.



### Material Options

The seals are manufactured in SBR-based rubber compound with a hardness of 60° IRHD.

- *SBR (styrene-butadiene rubber)* is highly resistant to abrasion, aging, and tearing. It is durable and maintains good flexibility over a wide temperature range (-30°C to 70°C).

## Advantages of DS MOL SYSTEM



### Tight connection

The unique design of the gasket with three lips ensures a reliable, leak-free pipe connection.



### Quick installation

Easy and quick installation.



### Long lasting

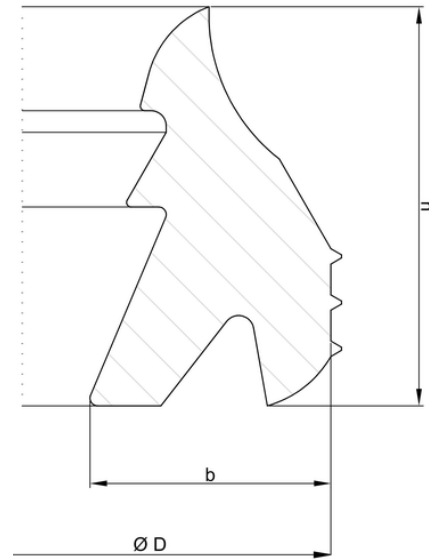
Good and long-lasting elasticity of the rubber seal for a lasting sealing effect.



# TECHNICAL DETAILS

## Example of sizes:

| DN  | Dimensions |             |            |            |
|-----|------------|-------------|------------|------------|
|     | DIAM       | ØD          | b          | h          |
| 50  | 63         | 83,3 ± 0,6  | 10,5 ± 0,4 | 18,8 ± 0,4 |
| 80  | 90         | 115,8 ± 0,6 | 12,8 ± 0,4 | 22,2 ± 0,4 |
| 100 | 110        | 138,3 ± 0,8 | 14,2 ± 0,4 | 24,2 ± 0,4 |
| 150 | 160        | 194,9 ± 1,0 | 17,2 ± 0,4 | 27,8 ± 0,4 |
|     | 200        | 238,2 ± 1,0 | 19,1 ± 0,4 | 29,2 ± 0,4 |
| 200 | 225        | 266,2 ± 1,3 | 20,8 ± 0,4 | 31,4 ± 0,4 |
|     | 250        | 293,7 ± 1,3 | 21,7 ± 0,4 | 32,7 ± 0,4 |
| 250 | 280        | 329,2 ± 1,7 | 24,6 ± 0,5 | 37,3 ± 0,4 |
| 300 | 315        | 367,7 ± 1,7 | 26,4 ± 0,5 | 38,9 ± 0,4 |
|     | 400        | 464,1 ± 2,2 | 32,4 ± 0,6 | 46,4 ± 0,4 |
| 400 | 450        | 518,8 ± 2,6 | 34,4 ± 0,6 | 48,6 ± 0,5 |
|     | 500        | 575,6 ± 2,8 | 37,8 ± 0,8 | 53,6 ± 1,0 |



**Production method:** DS-MOL SYSTEM seals are manufactured from injection molds, and are suitable for both manual and machine assembly.

**Installation Recommendations:** Clean any dirt from the spigot end of the pipe, the inside of the socket, and the spigot end. Insert the spigot into the socket groove so that its flange rests on the edge. The seal should fit evenly in the socket. Coat the smooth end of the pipe with a thin layer of a suitable lubricant (e.g., silicone-based paste). Insert the spigot end into the socket.

## Why choose us?

At M.O.L. ROMGUM We offer **customization** of products based on customer specifications. We use only the best materials, which translates into the durability and strength of our products. We have been operating in the market for **more than 30 years**, providing our customers with proven solutions.

Since 2026, M.O.L. ROMGUM is a part of Sigma Polymer Group.



## Contact us for details

Are you interested in DS-MOL system seals or other products? Contact us for a quote or for more information about our range. Our specialists will be happy to answer your questions and advise you on the best solution.

[mol-romgum.com.pl](https://mol-romgum.com.pl)



## Further questions?

✉ [romgum@mol-romgum.com.pl](mailto:romgum@mol-romgum.com.pl)

☎ +48 61 812 51 21

📍 M.O.L. ROMGUM Sp. z o. o.  
ul. Klonowa 13, 62-002 Suchy Las