

# The OILCO Guide to Swivel Joint Selection

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OILCO Liquid Handling Systems manufactures the widest selection of swivel joints in the world. Since 1935, continued advances in technology and innovation have placed the OILCO production line at the forefront of the bulk transfer and heavy industry.

## CORE CONSTRUCTION & BASIC DESIGN ELEMENTS:

- Carbon steel, stainless steel and aluminum
- 2" through 18" nominal pipe sizing
- Schedule 40, 80 & 160 ASTM specifications
- Flanged, threaded and bevel for weld connections



## PACKING SEALS:

- O-ring, V-ring & U-cup packing seal options
- High pressure compatibility design
- "H"-block custom o-ring availability
- Buna-N, Viton®, Teflon®, EPDM & specialty seals

## ADVANCED DESIGN ELEMENTS:

- Low torque performance
- Secondary applications for most swivel joint designs
- Increased capacity and improved alignment
- Special coating and grounding options



## UNSURPASSED PERFORMANCE:

- Single body and split flange design
- Low profile components available
- Dual mechanical bearing crossover
- Heavy duty construction



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# Swivel Joint Design Questionnaire

1. What is the product used for ?
2. What size line (inches) ?
3. Material of construction required ?
4. Preferred seal material and type ?
5. Minimum operating temperature ?
6. Maximum operating temperature ?
7. Minimum operating pressure ?
8. Maximum operating pressure ?
9. Configuration style ?

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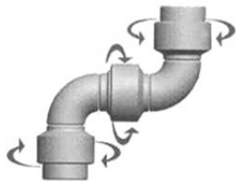
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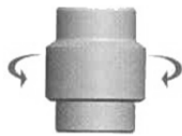
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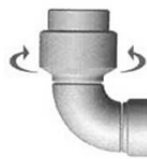
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Style 10



Style 20



Style 30



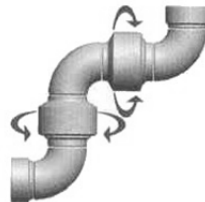
Style 40



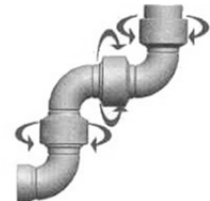
Style 50



Style 60



Style 70



Style 80

10. Connection type (flange, NPT, etc.) ?
11. Submerged service unit ?
12. Is steam jacketing required ?
13. Specialized testing required ?
14. Removable seal / split flange type ?
15. Rotation requirements (RPM) ?
16. Special coating (epoxy, etc.) ?
17. Other requirements ?

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*Serving the Industry Since 1935*

