

MODEL 75N NYLON FLEXIBLE COUPLING

The Model 75N is designed with the purpose of solving corrosion problems from happening in low pressure piping systems. Our couplings are manufactured in good quality reinforced nylon injected through high temperature. Therefore our couplings have high strength and toughness, and vry good corrosion resistance performance. They have been widely used in ultrafiltration (UF) membrane device in the system of water desalination.

Sizes-Inches/DN

1" to 8" (DN20 to DN200)

Rated Working Pressure:

300psi (21 bar)

Material Specifications

Housings:

- Nylon

Rubber Gaskets:

The gasket seal is C-shaped, made of standard gasket EPDM (ethylene propylene diene monomer) for cold water, hot water, rare acid, oil-free air and multiple chemical product (-50 – 150°C). It is not suitable for mediums like petroleum.

Bolts & Nuts:

Stainless steel track bolts and nuts, international standard models of carriage bolts



| Nominal Size | Pipe OD | Rated Working Pressure | Pipe End Separation | Dimensions | | | |
|--------------|---------|------------------------|---------------------|------------|---------|-----------|--------|
| | | | | A | B | C | Weight |
| mm / in | mm / in | psi / bar | mm / in | mm / in | mm / in | kgs / lbs | |
| 25 | 33.700 | 300 | 0-1.6 | 61.000 | 95.000 | 44.000 | 0.232 |
| 1 | 1.327 | 20.67 | 0-0.06 | 2.402 | 3.740 | 1.732 | 0.511 |
| 32 | 42.400 | 300 | 0-1.6 | 73.000 | 130.000 | 44.000 | 0.260 |
| 1.25 | 1.669 | 20.67 | 0-0.06 | 2.874 | 5.118 | 1.732 | 0.572 |
| 40 | 48.300 | 300 | 0-1.6 | 79.000 | 121.000 | 44.000 | 0.351 |
| 1.5 | 1.900 | 20.67 | 0-0.06 | 3.110 | 4.764 | 1.732 | 0.773 |
| 50 | 60.300 | 300 | 0-1.6 | 91.000 | 135.000 | 45.000 | 0.417 |
| 2 | 2.375 | 20.67 | 0-0.06 | 3.583 | 5.315 | 1.772 | 0.918 |
| 65 | 73.000 | 300 | 0-1.6 | 104.000 | 145.000 | 45.000 | 0.452 |
| 2.5 | 2.875 | 20.67 | 0-0.06 | 4.094 | 5.709 | 1.772 | 0.995 |
| 65 | 76.100 | 300 | 0-1.6 | 108.000 | 148.000 | 45.000 | 0.500 |
| | 3.000 | 20.67 | 0-0.06 | 4.252 | 5.827 | 1.772 | 1.100 |
| 80 | 88.900 | 300 | 0-1.6 | 125.000 | 166.000 | 45.000 | 0.531 |
| 3 | 3.500 | 20.67 | 0-0.06 | 4.921 | 6.535 | 1.772 | 1.169 |
| 100 | 114.300 | 200 | 0-3.2 | 157.400 | 207.000 | 52.000 | 0.600 |
| 4 | 4.500 | 13.78 | 0-0.13 | 6.197 | 8.150 | 2.047 | 1.320 |
| 125 | 141.300 | 200 | 0-3.2 | 192.000 | 248.000 | 52.000 | 1.150 |
| 5 | 5.563 | 13.78 | 0-0.13 | 7.559 | 9.764 | 2.047 | 2.530 |
| 150 | 166.300 | 200 | 0-3.2 | 227.000 | 282.000 | 52.000 | 1.610 |
| 6 | 6.625 | 13.78 | 0-0.13 | 8.937 | 11.102 | 2.047 | 3.542 |
| 200 | 219.100 | 150 | 0-3.2 | 281.000 | 244.000 | 64.000 | 3.050 |
| 8 | 8.625 | 10.33 | 0-0.13 | 11.063 | 9.606 | 2.520 | 6.710 |

