

## 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 very 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

