## Both Sides Weld-On Vacuum Pipes

## Vacuum Plumbing Parts

NW (KF) Flexible Tubes

Related Products: For O-Ring of large diameter, refer to P. 1429


Compact


Type $\begin{aligned} & \text { MMaterial } \\ & \text { Standards } \\ & \text { Operating PressurreAllowable Leak AmountlWax Operatign Temp. Thereatures }\end{aligned}$


FRNW (Standarc)
FRNFC (Compact)


Connected with
Stainless Steel Pipe

RolSTO


| Part Number |  | 50 mm Increment | I.D | O.D | D | Min. Bending Fadius | Unit Price 1 $\sim 4$ pc(s). |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | No. |  |  |  |  |  | L100, 150 | L200, 250 | L300-2000 |  |
| тype | No. |  |  |  |  |  |  |  | Unit Price |  |
| FRNW | 10 | 100-2000 | 12.5 | 16.5 | ${ }_{30}$ | ${ }_{40}^{40}$ |  |  |  |  |
|  | 16 |  | 21.5 20.5 | ${ }_{36}^{28.5}$ | 30 40 | 50 70 |  |  |  |  |
|  | 25 40 |  | 26.5 |  | 50 |  |  |  |  |  |
|  | 50 |  | ${ }^{50.5}$ | 65 | 75 | 120 |  |  |  |  |

©When L L 300: Total Price $=$ Unit Price + [Specified L Dimension - 300 ) /50] X Tube Price/50nm

| Part Number |  | 50 mm Increment | A | в | c | D | I.D | O.D | P | id | L1 |  | Unit Price $1 \sim 4 \mathrm{pc}(\mathrm{s}$. |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Type | No. |  |  |  |  |  |  |  |  |  |  |  | L100, 150 | L200, 250 | L300-1000 |  |
| Type | No. |  |  |  |  |  |  |  |  |  |  |  | L100, 150 | L200, 250 | Unit Price |  |
|  | 16 <br> 25 |  | 30 40 | ${ }^{17.2}$ | ${ }^{11}$ | ${ }^{6.35}$ | 5.5 | 8.5 <br> 8. <br> 135 | ${ }^{1.6}$ | ${ }^{4.5}$ | 20 | ${ }_{2}^{25}$ |  |  |  |  |
| FRNFC | ${ }_{40}^{25}$ | 100~1000 | 40 | 26.2 | ${ }_{35}^{20}$ | ${ }^{9.52}$ | 10 | ${ }^{13.5}$ | ${ }_{2}^{2.5}$ | ${ }^{7}$ | ${ }_{30}^{25}$ | 25 40 |  |  |  |  |


| Part Number |  | 50 mm Increment | D | I.D | O.D | P | id | L1 |  | Unit Price 1 4 pc(s). |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Type | No. |  |  |  |  |  |  |  |  | L100, 150 | L200, 250 | L30 |  |
| тype | No. |  |  |  |  |  |  |  |  | L100, 150 | L200, 250 | Unit Price |  |
| FRNFS |  | 0-1000 | 6.35 <br> 9.52 <br> 9. | 5.5 10 | 8.5 <br> 13.5 | ${ }^{1.6}$ | $\stackrel{4.5}{7}$ | ${ }_{20}^{20}$ |  |  |  |  |  |
|  | $\frac{25}{40}$ |  | 9.52 <br> 12.7 | 12.5 | 13.5 16.5 | $\stackrel{2.8}{2.8}$ | 10 | ${ }_{30}^{25}$ | ${ }_{40}^{25}$ |  |  |  |  |

When L2300: Toal P Pice $=$ Unit Price + [Specfified LDimension-300)/ 50$]$ x Tube Pricef50mm

| Part Number |  | 50mm Increment | I.D | O.D | D1 | D2 | T1 | $\mathrm{T}_{2}$ | G1 | G2 | P.C.D. | PL | Unit Price 1 $\sim 4 \mathrm{pc}$ (s). |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Type | No. |  |  |  |  |  |  |  |  |  |  |  | L100, 150 | L200, 250 | Unit Price | ${ }^{\text {Adoudional Tibe Price }}$ |
| FRNFR | 20 | 100~1000 | 26.5 | 36 | 80 | 27.2 | 8 | 2.1 | 44 | 34 | 60 | 30 |  |  |  |  |
|  | 25 | 150~1000 | ${ }^{33}$ | 44 | 90 | ${ }^{34}$ | 8 | 2.8 | 50 | 40 | 70 | 50 |  |  |  |  |
|  | 40 | 150~1000 | 50.5 | 65 | 105 | 48.6 | 10 | 2.8 | ${ }_{6}^{65}$ | 55 | 85 | 50 |  |  |  |  |
|  | 50 | 150~1000 | 66 | 86 | 120 | 60.5 | 10 | 2.8 | 80 | 70 | 100 | 50 |  |  |  |  |



re

| ordering |  |
| :--- | :--- |
| Ixample | Part Number |
|  | FRNRF25 |


| $\mathbf{L}$ |
| :---: |
| 300 |







Price Caluutaion Examples: Price $=$ Unit Price + LPipe Price
For L Lipe price, a charage is added for every 100 min of Ldimenion. $110 \sim 200$ : Round up to 200 .


1) Commons Sexificious

