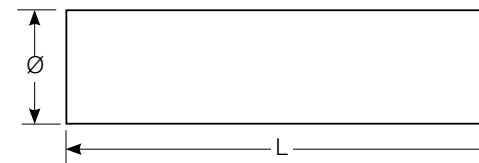


# TECHNICAL DATA SHEET: HIGH VACUUM PIPE

| Ø<br>mm | Length<br>mm | Galvanised<br>Thickness<br>mm | Galvanised<br>Weight<br>kg | 304SS<br>Thickness<br>mm | 304SS<br>Weight<br>kg | 316L SS<br>Thickness<br>mm | 316L SS<br>Weight<br>kg |
|---------|--------------|-------------------------------|----------------------------|--------------------------|-----------------------|----------------------------|-------------------------|
| 050     | 3000         | 1,2                           | 5,5                        | 1,2                      | 5,5                   | 1,2                        | 5,7                     |
| 050     | 6000         | 1,2                           | 10,9                       | 1,2                      | 11,0                  | 1,2                        | 11,4                    |
| 063     | 3000         | 1,2                           | 5,5                        | 1,2                      | 5,5                   | 1,2                        | 7,5                     |
| 063     | 6000         | 1,2                           | 11,0                       | 1,2                      | 11,0                  | 1,6                        | 15,0                    |
| 076     | 3000         | 1,2                           | 5,6                        | 1,2                      | 5,6                   | 1,6                        | 9,0                     |
| 076     | 6000         | 1,2                           | 11,1                       | 1,2                      | 11,1                  | 1,6                        | 18,0                    |
| 102     | 3000         | 1,2                           | 8,8                        | 1,5                      | 8,8                   | 2,0                        | 15,0                    |
| 102     | 6000         | 1,2                           | 17,5                       | 1,5                      | 17,5                  | 2,0                        | 30,0                    |
| 127     | 3000         | 1,5                           | 9,3                        | 1,5                      | 17,5                  | N/A                        | N/A                     |
| 127     | 6000         | 1,5                           | 18,6                       | 1,5                      | 9,3                   | N/A                        | N/A                     |
| 129     | 3000         | N/A                           | N/A                        | N/A                      | N/A                   | 2,0                        | 19,2                    |
| 129     | 6000         | N/A                           | N/A                        | N/A                      | N/A                   | 2,0                        | 38,5                    |
| 152     | 3000         | 1,5                           | 11,0                       | N/A                      | N/A                   | N/A                        | N/A                     |
| 152     | 6000         | 1,5                           | 33,0                       | N/A                      | N/A                   | N/A                        | N/A                     |
| 154     | 3000         | N/A                           | N/A                        | N/A                      | N/A                   | 2,0                        | 22,5                    |
| 154     | 6000         | N/A                           | N/A                        | N/A                      | N/A                   | 2,0                        | 45,0                    |
| 203     | 3000         | 1,5                           | 22,0                       | N/A                      | N/A                   | N/A                        | N/A                     |
| 203     | 6000         | 1,5                           | 44,0                       | N/A                      | N/A                   | N/A                        | N/A                     |



**Construction:**  
Induction welded.

## Additional Notes

RA-certified finishing and EL-polishing certificate for Pharmaceutical industry is available as option.

At temperatures ranging between 200° C and 250° C, the zinc-iron alloy layers in galvanised steel will continue to provide a high level of protection from corrosion. However, there may be some peeling, changes in mechanical properties, and reduction in the corrosion protection. Recommended max. service temperature is +80°C.

## Compliance / Rating of Product Components

| Product          | Material                   | Compliance / Rating                                                              |
|------------------|----------------------------|----------------------------------------------------------------------------------|
| High Vacuum Pipe | Galvanised                 | EN 10305 - 03 / DIN 2394<br>DIN 21151<br>NFA 49.645 BS 6323<br>ASTM A513/A787-5  |
| High Vacuum Pipe | 304 / 316L Stainless Steel | SS-EN 10204 with 3.1 material certificate (must be requested upon placing order) |

## Temperature Rating of Product Components

|       | High Vacuum Pipe |                           |
|-------|------------------|---------------------------|
| 200°C | Galvanised Steel | 304 /316L Stainless Steel |
| 121°C |                  |                           |
| -20°C |                  |                           |

