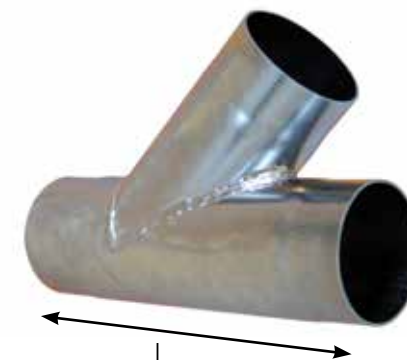


# TECHNICAL DATA SHEET: HIGH VACUUM BRANCH

| Ø mm        | Length mm | Galvanised Steel Thickness mm | Galvanised Steel Weight kg | 304SS Thickness mm | 304SS Weight kg | 316L SS Thickness mm | 316L SS Weight kg |
|-------------|-----------|-------------------------------|----------------------------|--------------------|-----------------|----------------------|-------------------|
| 50-50-50    | 150       | 1,5                           | 0,5                        | 1,5                | 0,4             | 1,2                  | 0,4               |
| 63-63-50    | 300       | 1,5                           | 5,8                        | N/A                | N/A             | 1,6                  | 0,8               |
| 63-63-63    | 200       | 1,5                           | 0,6                        | 1,5                | 0,6             | 1,6                  | 0,6               |
| 76-76-50    | 200       | 1,5                           | 1,0                        | 1,5                | 1,0             | 1,6                  | 1,0               |
| 76-76-63    | 200       | 1,5                           | 1,3                        | 1,5                | 1,0             | 1,6                  | 1,1               |
| 76-76-76    | 270       | 1,5                           | 1,3                        | 1,5                | 1,0             | 1,6                  | 1,1               |
| 102-102-50  | 400       | 2,0                           | 2,4                        | N/A                | N/A             | N/A                  | N/A               |
| 102-102-63  | 280       | 2,0                           | 1,5                        | N/A                | N/A             | N/A                  | N/A               |
| 102-102-76  | 300       | 2,0                           | 1,8                        | 2,0                | 1,8             | 2,0                  | 2,1               |
| 102-102-102 | 280       | 2,0                           | 5,8                        | 2,0                | 1,4             | 2,0                  | 2,3               |
| 127-127-50  | 400       | 2,0                           | 2,7                        | N/A                | N/A             | N/A                  | N/A               |
| 127-127-63  | 400       | 2,0                           | 2,8                        | N/A                | N/A             | N/A                  | N/A               |
| 127-127-76  | 300       | 2,0                           | 2,2                        | N/A                | N/A             | N/A                  | N/A               |
| 127-127-102 | 350       | 2,0                           | 2,7                        | 2,0                | 2,8             | N/A                  | N/A               |
| 129-129-102 | 350       | N/A                           | N/A                        | N/A                | N/A             | 2,0                  | 2,8               |
| 152-152-63  | 500       | 2,0                           | 4,1                        | N/A                | N/A             | N/A                  | N/A               |
| 152-152-76  | 500       | 2,0                           | 4,6                        | N/A                | N/A             | N/A                  | N/A               |
| 152-152-102 | 500       | 2,0                           | 5,8                        | N/A                | N/A             | N/A                  | N/A               |
| 152-152-152 | 500       | 2,0                           | 5,2                        | N/A                | N/A             | N/A                  | N/A               |
| 154-154-129 | 500       | N/A                           | N/A                        | N/A                | N/A             | 2,0                  | 4,0               |
| 203-203-63  | 600       | 2,0                           | 6,8                        | N/A                | N/A             | N/A                  | N/A               |
| 203-203-76  | 600       | 2,0                           | 6,8                        | N/A                | N/A             | N/A                  | N/A               |
| 203-203-102 | 270       | 2,0                           | 2,1                        | N/A                | N/A             | N/A                  | N/A               |
| 203-203-127 | 600       | 2,0                           | 7,7                        | N/A                | N/A             | N/A                  | N/A               |
| 203-203-203 | 600       | 2,0                           | 8,2                        | N/A                | N/A             | N/A                  | N/A               |



## Additional Notes

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.

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



# TECHNICAL DATA SHEET: HIGH VACUUM BRANCH

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

| Temperature Rating of Product Components |                     |                           |
|------------------------------------------|---------------------|---------------------------|
|                                          | Branch              |                           |
| 200°C                                    | Galvanised<br>Steel | 304 /316L Stainless Steel |
| 121°C                                    |                     |                           |
| -20°C                                    |                     |                           |