



| Series | Tube OD<br>(mm/in) | PN<br>(bar/PSI) | Dimensions<br>(mm/in) |      |      |                 |      |                 |     |                   |                   |      |        | Weight<br>( <sup>kg</sup> / <sub>lbs</sub> ) ca.<br>per 100 <sup>2</sup> |
|--------|--------------------|-----------------|-----------------------|------|------|-----------------|------|-----------------|-----|-------------------|-------------------|------|--------|--|
|        |                    |                 | D1                    | D2   | L    | L1 <sup>1</sup> | L2   | L3 <sup>1</sup> | L4  | L7 <sub>min</sub> | L7 <sub>max</sub> | S1   | S2     |  |
| L      | 6                  | 500             | 4                     | 48   | 22   | 7               | 42   | 27              | 3   | 16                | 17                | 17   | 14     | 3,85   |
|        | .24                | 7250            | .16                   | 1.89 | .87  | .28             | 1.65 | 1.06            | .12 | .63               | .67               | .67  | .55    | 8.48   |
|        | 8                  | 500             | 6                     | 49   | 23   | 8               | 42   | 27              | 3   | 16                | 19                | 19   | 17     | 4,93   |
|        | .31                | 7250            | .24                   | 1.93 | .91  | .31             | 1.65 | 1.06            | .12 | .63               | .75               | .75  | .67    | 10.85  |
|        | 10                 | 500             | 8                     | 52   | 25   | 10              | 43   | 28              | 3   | 16                | 22                | 22   | 19     | 6,76   |
|        | .39                | 7250            | .31                   | 2.05 | .98  | .39             | 1.69 | 1.10            | .12 | .63               | .87               | .87  | .75    | 14.87  |
|        | 12                 | 400             | 10                    | 53   | 25   | 10              | 44   | 29              | 3   | 16                | 24                | 24   | 22     | 7,81   |
|        | .47                | 5800            | .39                   | 2.09 | .98  | .39             | 1.73 | 1.14            | .12 | .63               | .94               | .94  | .87    | 17.18  |
|        | 15                 | 400             | 12                    | 57   | 27   | 12              | 46   | 31              | 3   | 16                | 27                | 30   | 27     | 12,89  |
|        | .59                | 5800            | .47                   | 2.24 | 1.06 | .47             | 1.81 | 1.22            | .12 | .63               | 1.06              | 1.18 | 1.06   | 28.37  |
|        | 18                 | 400             | 15                    | 61   | 30   | 13,5            | 49   | 32,5            | 3   | 16                | 32                | 36   | 32     | 19,87  |
|        | .71                | 5800            | .59                   | 2.40 | 1.18 | .53             | 1.93 | 1.28            | .12 | .63               | 1.26              | 1.42 | 1.26   | 43.72  |
|        | 22                 | 250             | 19                    | 66   | 33   | 16,5            | 51   | 34,5            | 4   | 16                | 36                | 41   | 36     | 25,19  |
|        | .87                | 3625            | .75                   | 2.60 | 1.30 | .65             | 2.01 | 1.36            | .16 | .63               | 1.42              | 1.61 | 1.42   | 55.42  |
|        | 28                 | 250             | 24                    | 69   | 35   | 18,5            | 52   | 35,5            | 4   | 16                | 41                | 46   | 41     | 34,12  |
|        | 1.10               | 3625            | .94                   | 2.72 | 1.38 | .73             | 2.05 | 1.40            | .16 | .63               | 1.61              | 1.81 | 1.61   | 75.07  |
|        | 35                 | 250             | 30                    | 76   | 40   | 18,5            | 58   | 36,5            | 4   | 16                | 50                | 55   | 50     | 55,40  |
|        | 1.38               | 3625            | 1.18                  | 2.99 | 1.57 | .73             | 2.28 | 1.44            | .16 | .63               | 1.97              | 2.17 | 1.97   | 121.88   |
| 42     | 250                | 36              | 77                    | 42   | 19   | 59              | 36   | 4               | 16  | 60                | 65                | 60   | 75,30  |  |
| 1.65   | 3625               | 1.42            | 3.03                  | 1.65 | .75  | 2.32            | 1.42 | .16             | .63 | 2.36              | 2.56              | 2.36 | 165.66 |  |
| S      | 6                  | 800             | 4                     | 55   | 27   | 12              | 44   | 29              | 3   | 16                | 19                | 19   | 17     | 6,50   |
|        | .24                | 11600           | .16                   | 2.17 | 1.06 | .47             | 1.73 | 1.14            | .12 | .63               | .75               | .75  | .67    | 14.30  |
|        | 8                  | 800             | 5                     | 56   | 28   | 13              | 44   | 29              | 3   | 16                | 22                | 22   | 19     | 8,84   |
|        | .31                | 11600           | .20                   | 2.20 | 1.10 | .51             | 1.73 | 1.14            | .12 | .63               | .87               | .87  | .75    | 19.44  |
|        | 10                 | 800             | 7                     | 59   | 31   | 14,5            | 46   | 29,5            | 3   | 16                | 24                | 24   | 22     | 11,18  |
|        | .39                | 11600           | .28                   | 2.32 | 1.22 | .57             | 1.81 | 1.16            | .12 | .63               | .94               | .94  | .87    | 24.59  |

|      |      |      |      |      |      |      |      |     |     |      |      |      |        |
|------|------|------|------|------|------|------|------|-----|-----|------|------|------|--------|
| 12   | 630  | 8    | 60   | 31   | 14,5 | 47   | 30,5 | 3   | 16  | 27   | 27   | 24   | 14,00  |
| .47  | 9135 | .31  | 2.36 | 1.22 | .57  | 1.85 | 1.20 | .12 | .63 | 1.06 | 1.06 | .94  | 30.80  |
| 14   | 630  | 10   | 65   | 35   | 17   | 50   | 32   | 3   | 16  | 30   | 30   | 27   | 18,17  |
| .55  | 9135 | .39  | 2.56 | 1.38 | .67  | 1.97 | 1.26 | .12 | .63 | 1.18 | 1.18 | 1.06 | 39.97  |
| 16   | 630  | 12   | 65   | 35   | 16,5 | 50   | 31,5 | 3   | 16  | 32   | 32   | 30   | 20,12  |
| .63  | 9135 | .47  | 2.56 | 1.38 | .65  | 1.97 | 1.24 | .12 | .63 | 1.26 | 1.26 | 1.18 | 44.27  |
| 20   | 400  | 16   | 72   | 39   | 17,5 | 55   | 33,5 | 4   | 16  | 41   | 41   | 36   | 34,45  |
| .79  | 5800 | .63  | 2.83 | 1.54 | .69  | 2.17 | 1.32 | .16 | .63 | 1.61 | 1.61 | 1.42 | 75.79  |
| 25   | 400  | 20   | 79   | 44   | 20   | 59   | 35   | 4   | 16  | 46   | 46   | 46   | 49,56  |
| .98  | 5800 | .79  | 3.11 | 1.73 | .79  | 2.32 | 1.38 | .16 | .63 | 1.81 | 1.81 | 1.81 | 109.04 |
| 30   | 400  | 25   | 86   | 48   | 21,5 | 64   | 37,5 | 4   | 16  | 50   | 50   | 50   | 64,90  |
| 1.18 | 5800 | .98  | 3.39 | 1.89 | .85  | 2.52 | 1.48 | .16 | .63 | 1.97 | 1.97 | 1.97 | 142.78 |
| 38   | 400  | 32   | 91   | 53   | 22   | 68   | 37   | 4   | 16  | 65   | 65   | 60   | 108,30 |
| 1.50 | 5800 | 1.26 | 3.58 | 2.09 | .87  | 2.68 | 1.46 | .16 | .63 | 2.56 | 2.56 | 2.36 | 238.26 |