

# FIBRE PACKED SQUARELOCK



#### Construction

Fibre packed Squarelock is made from a single metal strip that is wrapped round a mandrel with a Squarelock section with a fibre packing. This stripwound metal hose provides:

#### GREAT FLEXIBILITY / HIGH MECHANICAL STRENGTH / SMOOTH BORE

#### **Primary Applications**

Squarelock with a fibre packing has improved air tightness properties making it ideal for use as a temporary exhaust hose as well as all sorts of general-purpose industrial applications. Popular applications include:

### EXHAUSTS / CONVEYNCE & DUCTING / MATERIAL HANDLING / PROTECTIVE CASINGS etc.

#### **Max Operating Temperature**

+500 Degrees 'C' Max

#### Order non-standard lengths here

\*Please note the diameters listed below are all inside diameters. Please check this before ordering.



We can manufacture to intermediary sizes where required. If your size is not listed, please contact us.

# **TECHNICAL DATA**

| Bore   | I/D  | O/D  | Inside Bend | Weight (KG) per 100m |
|--------|------|------|-------------|----------------------|
| Size   | (mm) | (mm) | Radius (mm) |                      |
| 3/4"   | 20   | 24   | 40          | 36                   |
| 1"     | 25   | 30   | 45          | 63                   |
| 1.1/8" | 28   | 32   | 49          | 73                   |
| 1.1/4" | 32   | 37   | 53          | 83                   |
| 1.3/8" | 35   | 40   | 60          | 91                   |
| 1.1/2" | 38   | 43   | 66          | 99                   |
| 1.5/8" | 41   | 46   | 73          | 108                  |
| 1.3/4" | 45   | 50   | 80          | 116                  |
| 1.7/8" | 48   | 53   | 86          | 124                  |
| 2"     | 51   | 58   | 93          | 132                  |
| 2.1/8" | 54   | 61   | 103         | 144                  |
| 2.1/4" | 57   | 64   | 114         | 156                  |
| 2.3/8" | 60   | 67   | 125         | 167                  |
| 2.1/2" | 63   | 70   | 135         | 178                  |
| 2.5/8" | 66   | 73   | 139         | 189                  |
| 2.3/4" | 70   | 77   | 143         | 200                  |
| 2.7/8" | 72   | 79   | 147         | 210                  |
| 3″     | 76   | 83   | 151         | 222                  |
| 3.1/8" | 79   | 86   | 155         | 227                  |

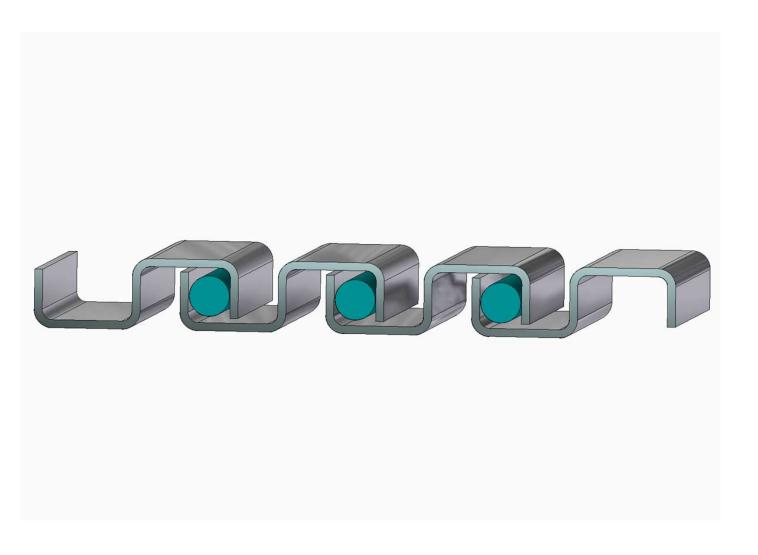


| 3.1/4" | 83  | 90  | 162 | 233   |
|--------|-----|-----|-----|-------|
| 3.3/8" | 86  | 93  | 168 | 239   |
| 3.1/2" | 89  | 96  | 175 | 245   |
| 3.5/8" | 92  | 99  | 179 | 251   |
| 3.3/4" | 95  | 102 | 183 | 256   |
| 3.7/8" | 98  | 105 | 188 | 262   |
| 4"     | 102 | 109 | 192 | 268   |
| 4.1/4" | 108 | 115 | 200 | 280   |
| 4.1/2" | 114 | 121 | 208 | 296   |
| 4.3/4" | 121 | 128 | 216 | 310   |
| 5"     | 127 | 134 | 225 | 325   |
| 5.1/2" | 140 | 147 | 230 | 356   |
| 6"     | 152 | 163 | 266 | 386   |
| 6.1/2" | 165 | 176 | 289 | 429   |
| 7"     | 178 | 189 | 311 | 482   |
| 8"     | 203 | 214 | 355 | 620   |
| 9"     | 229 | 240 | 401 | 795   |
| 10"    | 250 | 261 | 437 | 965   |
| 11"    | 279 | 290 | 488 | 1,190 |
| 12"    | 305 | 316 | 534 | 1,315 |

## **CONSTRUCTION**

Fibre Packed Squarelock tubing is made from deep drawing quality carbon steel to BS 1449 electro-galvanised. The tubing is manufactured by winding profiled metal strip into a tube, the section being a squarelock construction, packed with cotton or fibre packing.





**APPLICATIONS** 



Fibre Packed Squarelock is suitable for exhaust systems, dust extracting and conveyance of all sorts of granular products.

#### **Fibre Packed Squarelock Section**

• Max Operating Temperature: +500 Degrees C

\*Please note the diameters listed below are all **inside diameters**. Please check this before ordering.

Manufacturing tolerances – All metallic tubing is manufactured to ID sizes, tolerances are + 0.5mm, – 0.0mm – up to 76mm ID, + 1.0mm, – 0.0mm – anything over 76mm ID

### **NON-STANDARD LENGTHS**

Order non-standard lengths here