



***Everlasting Quality***

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## Galvanized Round Steel Wire

### We are supplying

Diameter: 0.70mm

#### 1. Scope

Galvanized round steel Wire used for the manufacture of **crimped wire brushes**.

#### 2. Chemical Composition

STEEL CLASS:

HIGH CARBON Grade A

Ideal parameters

|                 |           |       |
|-----------------|-----------|-------|
| Carbon (C)      | .60 - .80 | 0.70  |
| Chromium (Cr)   | 0.02      | 0.02  |
| Manganese (Mn)  | .40 - .80 | 0.50  |
| Molybdenum (Mo) | <0.01     | <0.01 |
| Nickel (Ni)     | <0.01     | <0.01 |
| Silicon (Si)    | .10 - .35 | 0.29  |
| Phosphorus (P)  | MAX .04   | 0.005 |
| Sulphur (S)     | MAX .04   | 0.007 |
| Vanadium (V)    | <0.01     | <0.01 |

#### 3. Physical Properties

|                    |                               |                               |
|--------------------|-------------------------------|-------------------------------|
| Tensile Strength:  | 1900 – 2200 N/mm <sup>2</sup> | 1930 – 2206 N/mm <sup>2</sup> |
|                    | 265,000 – 320,000PSI          | 267,698 PSI                   |
|                    | 155 – 165 Lbs                 | 161 Lbs                       |
| Rockwell Hardness: | 45 – 50 Rc                    | 47 Rc                         |

Cast: min. 355mm max. 700mm

Helix: min. 100mm hanging or dead flat off the floor

Wire Size: 0.70mm SST: +/- 0.015mm

Zinc Coated: 50 – 80g/m<sup>2</sup>

Coating: Bright – Not Oiled

Bend Test: 12 bends or better

Shape: round

Forming: Normally Drawn

No Welds

Packaging: Z2 cardboard cores

Cardboard Cores 355mm inside diameter