

TECHNICAL DATA SHEET rev.01**GALVANIZED LOW CARBON STEEL FOR ARMOURING CABLES****MATERIAL**

Low carbon Steel : C% max 0,08

WIRE DIMENSIONS in mm

0,20 - 0,24 - 0,30 - 0,60 - 0,80 - 0,90 - 1,25 - 1,60 – 2,00 – 2,50

With following tolerances:

Wire diameter in mm	Tolerance on diameter in mm
0,20	+/- 0,020
0,24	+/- 0,020
0,30	+/- 0,025
0,60	+/- 0,025
0,80	+/- 0,030

Wire diameter in mm	Tolerance on diameter in mm
0,90	+/- 0,035
1,25	+/- 0,040
1,60	+/- 0,045
2,00	+/- 0,050
2,50	+/- 0,050

➔ **MULTIWIRE:** Diameters 0,60 – 0,80 – 0,90 – 1,25 on P400 are available also with 2 or 3 wires.

MECHANICAL PROPERTIES in compliance with standard BS EN 10257-1

Diameter of the wire in mm	Tensile strength N/mm ²	Elongation %
$d \leq 0,70$	320 a 500	7,5
$0,70 < d \leq 0,90$	340 a 500	7,5
$d > 0,90$	340 a 500	10,0

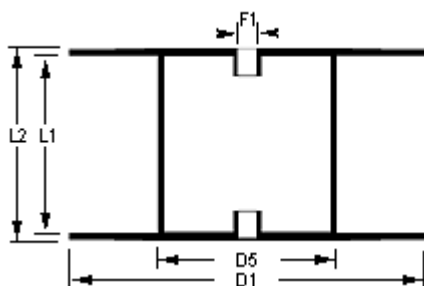
ZINC COATING in compliance with standard BS EN 10244-2

Diameter of the wire in mm	Zinc coating Class D g/m ²	Zinc coating Class A g/m ²
$0,20 \leq d < 0,25$	15	
$0,25 \leq d < 0,32$	15	
$0,60 \leq d < 0,70$	20	
$0,80 \leq d < 0,90$	20	
$0,90 \leq d < 1,00$	25	155
$1,20 \leq d < 1,40$	25	180
$1,40 \leq d < 1,65$	30	195
$1,85 \leq d < 2,15$	40	215
$2,50 \leq d < 2,80$	45	245

PACKAGING

Ø Wire	Spools				
	DIN 200	BB20	MP100	P400	B60
0,20	X	X			
0,24	X	X	X		
0,30	X	X	X		
0,60		X	X	X	
0,80		X		X	X
0,90		X		X	X
1,25				X	X
1,60				X	X
2,00				X	
2,50				X	

Spool details:



- Plastic spools:

Type	D1 mm	D5 mm	F1 mm	L1 mm	L2 mm	Load-capacity
DIN200	200	125	22	160	200	± 12 kg.
BB20	202	110	32,5	160	180	± 16 kg.
P400	400	200	32	200	230	± 80 kg.
MP100	355	224	127	315	355	± 80 kg.

- Steel or plastic spool:

Type	D1 mm	D5 mm	F1 mm	L1 mm	L2 mm	Load-capacity
B60	255	118	33	153	155	± 28 kg.

- Spool with plastic flanges and steel core:

Type	D1 mm	D5 mm	F1 mm	L1 mm	L2 mm	Load-capacity
P400	400	180	32	180	220	± 80 kg.