



## Detail Description or Construction

Type Foreplast is a single insulated conductor of solid wire or class 2 or 5 stranded bare annealed copper, with insulation of PVC compound

**Note:** BWF compound has special fire-retarding, self-extinguishing characteristics.

## Application

BWF Foreplast wires and cables and BWF Flexible Foreplast cables are recommended for civil engineering fixed installations; in addition, BWF Foreplast Flexible are recommended for electric boards and panel wiring installations.

## Standards / Testing Specifications

- NBR NM 247 - Wires and cables with solid polyvinyl chloride (PVC) extruded insulation for operating voltages up to 750 V.

## Marking

Size PVC 750 V.

## Installation

Foreplast conductors can be installed in conduits, raceways, ducts, ladders, walls, direct buried.

It is recommended that the installation instructions indicated by the Local Electric Code, or any equivalent, be followed, so that the safeguarding of persons and the integrity of the product will not be affected by deficiencies in the installation.

FOREPLAST WIRE AND CABLE BWF 750 V – TECHNICAL CHARACTERISTICS

Nominal Size	Nominal Diameter	Insulation	Maximum Overall Diameter	Nominal Net Weight	Length per Coil	Product Code
mm <sup>2</sup>	mm	mm	mm	kg / km	m	
0,5	0,79	0,60	2,20	9	100	25402.001.371
0,75	0,96	0,60	2,40	11	100	25402.001.372
1	1,11	0,60	2,50	14	100	25402.001.373
1,5	1,36	0,70	3,00	20	100	25402.001.375
2,5	1,74	0,80	3,70	31	100	25402.001.377
4	2,20	0,80	4,20	46	100	25402.001.380
6	2,70	0,80	4,70	65	100	25402.001.382
10	3,50	1,00	6,10	108	100	25402.001.384

## 750 V Copper Conductor. PVC Insulation

Conductor		Insulation	Maximum Overall Diameter	Nominal Net Weight	Length per Coil	Product Code
Nominal Size	Nominal Diameter					
mm <sup>2</sup>	mm	mm	mm	kg / km	m	
1,5	1,54 (RN)	0,70	3,20	22	100 (R)	25552.001.375
2,5	1,98 (RN)	0,80	3,90	34	100 (R)	25552.001.377
4	2,52 (RN)	0,80	4,50	50	100 (R)	25552.001.380
6	3,06 (RN)	0,80	5,10	70	100 (R)	25552.001.382
10	3,71 (RC)	1,00	6,30	111	100 (R)	25403.001.384
16	4,80 (RC)	1,00	7,50	168	1.000 (B)	25403.001.386
25	5,90 (RC)	1,20	9,10	263	1.000 (B)	25403.001.388
35	6,92 (RC)	1,20	10,30	354	1.000 (B)	25403.001.390
50	8,15 (RC)	1,40	12,00	484	1.000 (B)	25403.001.392
70	9,80 (RC)	1,40	13,90	675	1.000 (B)	25403.001.394
95	11,50 (RC)	1,60	16,20	933	1.000 (B)	25403.001.396
120	12,90 (RC)	1,60	17,70	1.162	500 (B)	25403.001.398
150	14,30 (RC)	1,80	19,70	1.435	500 (B)	25403.001.400
185	16,00 (RC)	2,00	22,00	1.793	500 (B)	25403.001.401
240	18,60 (RC)	2,20	25,30	2.364	500 (B)	25403.001.402
300	20,36 (RC)	2,40	27,70	2.960	500 (B)	25403.001.403
400	23,10 (RC)	2,60	31,20	3.781	250 (B)	25403.001.404
500	26,22 (RC)	2,80	35,00	4.831	250 (B)	25403.001.405