

Bosal Afrika's Industrial Division is the leading supplier of electrical steel conduit and accessories in southern Africa. The company manufactures ISQ230 Z275 pre-galvanised conduit lengths, in diameters of 20 mm to 50 mm, and accessories to SANS 61386-21:2003 standard. Equivalent to ANSI C80.1.

By South African law, building higher than 2 stories requires steel electrical conduit installations. All galvanized tubing is bundled for easy handling and transporting in 4 meter lengths as standard.

Bosal markets the labour-saving, easy-to-assemble Locfit system that eliminates the need for special tools and threading. Conduit fittings are packed and neatly labelled in boxes for easy handling. A lightweight 20/25 mm pipe bender is also available.



Galvanized Rigit Steel Conduit Tube Specification

Part Number	Trade Size	Outside Diameter	Nominal Wall Thickness		Tube Length		Bundle Quantity	Bundle Length		Est. Bundle Weight	
	mm	in	mm	in	m	ft		m	ft	kg	lb
67-204-400	Ø20	0.787	1.2	0.047	4.0	13.1	15	60.0	196.9	33.4	73.6
67-254-400	Ø25	0.984	1.2	0.047	4.0	13.1	11	44.0	144.4	31.0	68.3
67-324-400	Ø32	1.260	1.2	0.047	4.0	13.1	8	32.0	105.0	29.2	64.3
67-404-400	Ø40	1.575	1.2	0.047	4.0	13.1	6	24.0	78.7	27.6	60.8
67-504-400	Ø50	1.969	1.2	0.047	4.0	13.1	5	20.0	65.6	28.9	63.7



Galvanized Locfit Steel Conduit Accessories Specification – Solid Coupling

Part Number	Trade Size	Outside Diameter		Wall Thickness		Packing Quantity	Est. Packaged Weight	
	mm	mm	in	mm	in		kg	lb
76-201-101	Ø20	22.6	0.890	1.2	0.047	250	10.0	22.0
76-250-101	Ø25	27.6	1.087	1.2	0.047	250	14.8	32.7
76-320-101	Ø32	34.6	1.362	1.2	0.047	50	4.7	10.4
76-400-101	Ø40	41.3	1.626	1.2	0.047	25	3.6	7.8
76-500-101	Ø50	50.8	2.000	1.2	0.047	25	5.5	12.1



Galvanized Locfit Steel Conduit Accessories Specification – 90° Female Bend

Part Number	Trade Size	Outside Diameter		Wall Thickness		Packing Quantity	Est. Packaged Weight	
	mm	mm	in	mm	in		kg	lb
76-200-201	Ø20	22.6	0.890	1.2	0.047	100	12.7	27.9
76-250-201	Ø25	27.6	1.087	1.2	0.047	50	10.2	22.4
76-320-201	Ø32	34.6	1.362	1.2	0.047	25	7.4	16.3
76-400-201	Ø40	38.1	1.500	1.2	0.047	1	0.7	1.4
76-500-201	Ø50	50.8	2.000	1.2	0.047	1	1.2	2.6



Galvanized Locfit Steel Conduit Accessories Specification – Female Threaded Adaptor

Part Number	Trade Size	Metric Thread Size	Outside Diameter		Wall Thickness		Packing Quantity	Est. Packaged Weight	
	mm		mm	in	mm	in		kg	lb
76-201-316	Ø20	M20x1.5	22.6	0.890	1.6	0.063	250	10.2	22.4
76-250-316	Ø25	M25x1.5	27.6	1.087	1.6	0.063	250	15.4	33.9
76-320-316	Ø32	M32x1.5	34.6	1.362	1.6	0.063	50	4.6	10.2
76-400-316	Ø40	M40x1.5	41.3	1.500	1.6	0.063	25	3.4	7.4



Galvanized Locfit Steel Conduit Accessories Specification – Male Threaded Adaptor

Part Number	Trade Size	Metric Thread Size	Outside Diameter		Wall Thickness		Packing Quantity	Est. Packaged Weight	
	mm		mm	in	mm	in		kg	lb
76-201-317	Ø20	M20x1.5	22.6	0.890	1.6	0.063	250	10.2	22.4
76-250-317	Ø25	M25x1.5	27.6	1.087	1.6	0.063	250	15.4	33.9
76-320-317	Ø32	M32x1.5	34.6	1.362	1.6	0.063	50	4.6	10.2
76-400-317	Ø40	M40x1.5	41.3	1.500	1.6	0.063	25	4.3	9.5
76-500-317	Ø50	M50x1.5	50.8	2.000	1.6	0.063	25	5.3	11.8

Part Number	Description	ØA		B		ØC		D		E		Packing Quantity	Est. Packaged Weight	
		mm	in	mm	in	mm	in	mm	in	mm	in		kg	lb
76-201-319	20mm Terminal Back Entry	63.5	2.5	36.0	1.417	22.6	0.890	15.0	0.591	31.5	1.24	50	8.5	18.7
76-201-301	20mm 1-Way Side Entry	63.5	2.5	36.0	1.417	22.6	0.890	15.0	0.591	31.5	1.24	50	7.3	16.2
76-250-301	25mm 1-Way Side Entry	63.5	2.5	36.0	1.417	27.6	1.087	15.0	0.591	31.5	1.24	50	7.7	16.9
76-201-311	20mm 1-Way Back Entry	63.5	2.5	36.0	1.417	22.6	0.890	15.0	0.591	31.5	1.24	50	7.3	16.2
76-200-331	20mm 1-Way Side Entry Deep	63.5	2.5	62.0	2.441	22.6	0.890	15.0	0.591	31.5	1.24	25	5.2	11.5
76-201-302	20mm 2-Way Side Angle Entry	63.5	2.5	36.0	1.417	22.6	0.890	15.0	0.591	31.5	1.24	50	8.5	18.7
76-250-302	25mm 2-Way Side Angle Entry	63.5	2.5	36.0	1.417	27.6	1.087	15.0	0.591	31.5	1.24	50	9.2	20.2
76-201-312	20mm 2-Way Back Entry	63.5	2.5	36.0	1.417	22.6	0.890	15.0	0.591	31.5	1.24	50	8.5	18.7
76-200-332	20mm 2-Way Side Angle Entry Deep	63.5	2.5	62.0	2.441	22.6	0.890	15.0	0.591	31.5	1.24	25	5.8	12.8
76-201-318	20mm 2-Way Side Through Entry	63.5	2.5	36.0	1.417	22.6	0.890	15.0	0.591	31.5	1.24	50	8.5	18.7
76-250-318	25mm 2-Way Side Through Entry	63.5	2.5	36.0	1.417	27.6	1.087	15.0	0.591	31.5	1.24	50	9.2	20.2
76-200-335	20mm 2-Way Side Through Entry Deep	63.5	2.5	62.0	2.441	22.6	0.890	15.0	0.591	31.5	1.24	25	5.8	12.8
76-201-303	20mm 3-Way Side Entry	63.5	2.5	36.0	1.417	22.6	0.890	15.0	0.591	31.5	1.24	50	9.6	21.2
76-250-303	25mm 3-Way Side Entry	63.5	2.5	36.0	1.417	27.6	1.087	15.0	0.591	31.5	1.24	50	10.6	23.5
76-201-313	20mm 3-Way Back Entry	63.5	2.5	36.0	1.417	22.6	0.890	15.0	0.591	31.5	1.24	50	9.6	21.2
76-200-333	20mm 3-Way Side Entry Deep	63.5	2.5	62.0	2.441	22.6	0.890	15.0	0.591	31.5	1.24	25	6.4	14.0
76-201-304	20mm 4-Way Side Entry	63.5	2.5	36.0	1.417	22.6	0.890	15.0	0.591	31.5	1.24	50	10.7	23.7
76-250-304	25mm 4-Way Side Entry	63.5	2.5	36.0	1.417	27.6	1.087	15.0	0.591	31.5	1.24	50	12.1	26.7
76-201-314	20mm 4-Way Back Entry	63.5	2.5	36.0	1.417	22.6	0.890	15.0	0.591	31.5	1.24	50	10.7	23.7
76-200-334	20mm 4-Way Side Entry Deep	63.5	2.5	62.0	2.441	22.6	0.890	15.0	0.591	31.5	1.24	25	6.9	15.3