
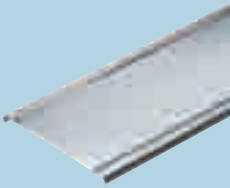
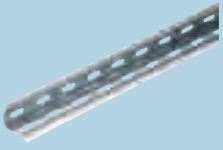







BFR RANGE

GALVANIZED STEEL CABLE TRAYS



SELECTION GUIDE

Cable tray dimensions	CABLE TRAY				FINISHING ACCESSORIES					
	Surface finish code				Cover code			Divider		
										
	Z 100	EZ	GAC	STAINLESS STEEL	Z 275	GAC	STAINLESS STEEL	Z 275	GAC	STAINLESS STEEL
50x30	MV 50 520	MV 50 420	MV 50 220	MV 50 620	MV 50 150	MV 50 250	MV 50 650	MV 65 110	MV 65 210	MV 65 610
100x30	MV 50 521	MV 50 421	MV 50 221	MV 50 621	MV 50 151	MV 50 251	MV 50 651	MV 65 110	MV 65 210	MV 65 610
150x30	MV 50 522	MV 50 422	MV 50 222	MV 50 622	MV 50 152	MV 50 252	MV 50 652	MV 65 110	MV 65 210	MV 65 610
200x30	MV 50 523	MV 50 423	MV 50 223	MV 50 623	MV 50 153	MV 50 253	MV 50 653	MV 65 110	MV 65 210	MV 65 610
300x30	MV 50 525	MV 50 425	MV 50 225	MV 50 625	MV 50 155	MV 50 255	MV 50 655	MV 65 110	MV 65 210	MV 65 610
50x60	MV 50 530	MV 50 430	MV 50 230	MV 50 630	MV 50 150	MV 50 250	MV 50 650	MV 65 111	MV 65 211	MV 65 611
100x60	MV 50 531	MV 50 431	MV 50 231	MV 50 631	MV 50 151	MV 50 251	MV 50 651	MV 65 111	MV 65 211	MV 65 611
150x60	MV 50 532	MV 50 432	MV 50 232	MV 50 632	MV 50 152	MV 50 252	MV 50 652	MV 65 111	MV 65 211	MV 65 611
200x60	MV 50 533	MV 50 433	MV 50 233	MV 50 633	MV 50 153	MV 50 253	MV 50 653	MV 65 111	MV 65 211	MV 65 611
300x60	MV 50 535	MV 50 435	MV 50 235	MV 50 635	MV 50 155	MV 50 255	MV 50 655	MV 65 111	MV 65 211	MV 65 611
400x60	MV 50 536	MV 50 436	MV 50 236	MV 50 636	MV 50 156	MV 50 256	MV 50 656	MV 65 111	MV 65 211	MV 65 611
500x60	MV 50 537	MV 50 437	MV 50 237	MV 50 637	MV 50 157	MV 50 257	MV 50 657	MV 65 111	MV 65 211	MV 65 611
600x60	MV 50 538	MV 50 438	MV 50 238	MV 50 638	MV 50 158	MV 50 258	MV 50 658	MV 65 111	MV 65 211	MV 65 611
150x110	MV 50 542	MV 50 442	MV 50 242	MV 50 642	MV 50 152	MV 50 252	MV 50 652	MV 65 113	MV 65 213	MV 65 613
200x110	MV 50 543	MV 50 443	MV 50 243	MV 50 643	MV 50 153	MV 50 253	MV 50 653	MV 65 113	MV 65 213	MV 65 613
300x110	MV 50 545	MV 50 445	MV 50 245	MV 50 645	MV 50 155	MV 50 255	MV 50 655	MV 65 113	MV 65 213	MV 65 613
400x110	MV 50 546	MV 50 446	MV 50 246	MV 50 646	MV 50 156	MV 50 256	MV 50 656	MV 65 113	MV 65 213	MV 65 613
500x110	MV 50 547	MV 50 447	MV 50 247	MV 50 647	MV 50 157	MV 50 257	MV 50 657	MV 65 113	MV 65 213	MV 65 613
600x110	MV 50 548	MV 50 448	MV 50 248	MV 50 648	MV 50 158	MV 50 258	MV 50 658	MV 65 113	MV 65 213	MV 65 613
BENDING AND CUTTING EQUIPMENT FOR BFR WIRE CABLE TRAY	Pliers with asymmetric blades				Earth terminal					
	 MV 51 904				 MV 51 946					
ACCESSORIES	Speedycurve automatic		Spare blades		Identification plate					
	 MV 51 943		 MV 51 945		 MV 51 947					

BFR RANGE

SELECTION GUIDE

COUPLING SYSTEMS



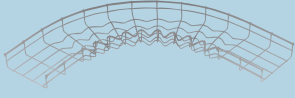



Z 275		GAC		Z 275	GAC	STAINLESS STEEL	BICHRO			DACHRO			STAINLESS STEEL		
MV 51 110	MV 51 210						MV 66 403	MV 51 420	MV 51 421	MV 66 203	MV 51 220	MV 51 221	MV 66 620	MV 51 620	MV 51 621
MV 51 110	MV 51 210						MV 66 403	MV 51 420	MV 51 421	MV 66 203	MV 51 220	MV 51 221	MV 66 620	MV 51 620	MV 51 621
MV 51 110	MV 51 210						MV 66 403	MV 51 420	MV 51 421	MV 66 203	MV 51 220	MV 51 221	MV 66 620	MV 51 620	MV 51 621
MV 51 110	MV 51 210						MV 66 403	MV 51 420	MV 51 421	MV 66 203	MV 51 220	MV 51 221	MV 66 620	MV 51 620	MV 51 621
MV 51 110	MV 51 210						MV 66 403	MV 51 420	MV 51 421	MV 66 203	MV 51 220	MV 51 221	MV 66 620	MV 51 620	MV 51 621
MV 51 110	MV 51 210	MV 51 123 MV 51 422	MV 51 223 MV 51 222	MV 51 623 MV 51 622			MV 66 403	MV 51 420	MV 51 421	MV 66 203	MV 51 220	MV 51 221	MV 66 620	MV 51 620	MV 51 621
MV 51 110	MV 51 210	MV 51 123 MV 51 422	MV 51 223 MV 51 222	MV 51 623 MV 51 622			MV 66 403	MV 51 420	MV 51 421	MV 66 203	MV 51 220	MV 51 221	MV 66 620	MV 51 620	MV 51 621
MV 51 110	MV 51 210	MV 51 123 MV 51 422	MV 51 223 MV 51 222	MV 51 623 MV 51 622			MV 66 403	MV 51 420	MV 51 421	MV 66 203	MV 51 220	MV 51 221	MV 66 620	MV 51 620	MV 51 621
MV 51 110	MV 51 210	MV 51 123 MV 51 422	MV 51 223 MV 51 222	MV 51 623 MV 51 622			MV 66 403	MV 51 420	MV 51 421	MV 66 203	MV 51 220	MV 51 221	MV 66 620	MV 51 620	MV 51 621
MV 51 110	MV 51 210	MV 51 123 MV 51 422	MV 51 223 MV 51 222	MV 51 623 MV 51 622			MV 66 403	MV 51 420	MV 51 421	MV 66 203	MV 51 220	MV 51 221	MV 66 620	MV 51 620	MV 51 621
MV 51 110	MV 51 210	MV 51 123 MV 51 422	MV 51 223 MV 51 222	MV 51 623 MV 51 622			MV 66 403	MV 51 420	MV 51 421	MV 66 203	MV 51 220	MV 51 221	MV 66 620	MV 51 620	MV 51 621
		MV 51 123 MV 51 422	MV 51 223 MV 51 222	MV 51 623 MV 51 622			MV 66 403	MV 51 420	MV 51 421	MV 66 203	MV 51 220	MV 51 221	MV 66 620	MV 51 620	MV 51 621
		MV 51 123 MV 51 422	MV 51 223 MV 51 222	MV 51 623 MV 51 622			MV 66 403	MV 51 420	MV 51 421	MV 66 203	MV 51 220	MV 51 221	MV 66 620	MV 51 620	MV 51 621
		MV 51 123 MV 51 422	MV 51 223 MV 51 222	MV 51 623 MV 51 622			MV 66 403	MV 51 420	MV 51 421	MV 66 203	MV 51 220	MV 51 221	MV 66 620	MV 51 620	MV 51 621
		MV 51 123 MV 51 422	MV 51 223 MV 51 222	MV 51 623 MV 51 622			MV 66 403	MV 51 420	MV 51 421	MV 66 203	MV 51 220	MV 51 221	MV 66 620	MV 51 620	MV 51 621
		MV 51 123 MV 51 422	MV 51 223 MV 51 222	MV 51 623 MV 51 622			MV 66 403	MV 51 420	MV 51 421	MV 66 203	MV 51 220	MV 51 221	MV 66 620	MV 51 620	MV 51 621
		MV 51 123 MV 51 422	MV 51 223 MV 51 222	MV 51 623 MV 51 622			MV 66 403	MV 51 420	MV 51 421	MV 66 203	MV 51 220	MV 51 221	MV 66 620	MV 51 620	MV 51 621

BFR RANGE

GALVANIZED STEEL CABLE TRAYS









SELECTION GUIDE

Cable tray dimensions	ROUTING COMPONENTS								FIXING ACCESSORIES				
	90° bend				45° bend				Fixing clip for OMEGA "FILMATIC" fixing bracket		Wall-mounting bracket / junction box support		
													
	Z 100	EZ	GAC	STAINLESS STEEL	Z 100	EZ	GAC	STAINLESS STEEL	Z 275	STAINLESS STEEL	Z 275	GAC	STAINLESS STEEL
50x30	MV 52 520	MV 52 420	MV 52 220	MV 52 620	MV 53 520	MV 53 420	MV 53 220	MV 53 620			MV 51 101	MV 51 201	MV 51 601
100x30	MV 52 521	MV 52 421	MV 52 221	MV 52 621	MV 53 521	MV 53 421	MV 53 221	MV 53 621	MV 51 100	MV 51 600	MV 51 101	MV 51 201	MV 51 601
150x30	MV 52 522	MV 52 422	MV 52 222	MV 52 622	MV 53 522	MV 53 422	MV 53 222	MV 53 622	MV 51 100	MV 51 600	MV 51 101	MV 51 201	MV 51 601
200x30	MV 52 523	MV 52 423	MV 52 223	MV 52 623	MV 53 523	MV 53 423	MV 53 223	MV 53 623	MV 51 100	MV 51 600	MV 51 101	MV 51 201	MV 51 601
300x30	MV 52 525	MV 52 425	MV 52 225	MV 52 625	MV 53 525	MV 53 425	MV 53 225	MV 53 625	MV 51 100	MV 51 600	MV 51 101	MV 51 201	MV 51 601
50x60	MV 52 530	MV 52 430	MV 52 230	MV 52 630	MV 53 530	MV 53 430	MV 53 230	MV 53 630			MV 51 101	MV 51 201	MV 51 601
100x60	MV 52 531	MV 52 431	MV 52 231	MV 52 631	MV 53 531	MV 53 431	MV 53 231	MV 53 631	MV 51 100	MV 51 600	MV 51 101	MV 51 201	MV 51 601
150x60	MV 52 532	MV 52 432	MV 52 232	MV 52 632	MV 53 532	MV 53 432	MV 53 232	MV 53 632	MV 51 100	MV 51 600	MV 51 101	MV 51 201	MV 51 601
200x60	MV 52 533	MV 52 433	MV 52 233	MV 52 633	MV 53 533	MV 53 433	MV 53 233	MV 53 633	MV 51 100	MV 51 600	MV 51 101	MV 51 201	MV 51 601
300x60	MV 52 535	MV 52 435	MV 52 235	MV 52 635	MV 53 535	MV 53 435	MV 53 235	MV 53 635	MV 51 100	MV 51 600	MV 51 101	MV 51 201	MV 51 601
400x60	MV 52 536	MV 52 436	MV 52 236	MV 52 636	MV 53 536	MV 53 436	MV 53 236	MV 53 636	MV 51 100	MV 51 600	MV 51 101	MV 51 201	MV 51 601
500x60	MV 52 537	MV 52 437	MV 52 237	MV 52 637	MV 53 537	MV 53 437	MV 53 237	MV 53 637	MV 51 100	MV 51 600	MV 51 101	MV 51 201	MV 51 601
600x60	MV 52 538	MV 52 438	MV 52 238	MV 52 638	MV 53 538	MV 53 438	MV 53 238	MV 53 638	MV 51 100	MV 51 600	MV 51 101	MV 51 201	MV 51 601
150x110	MV 52 542	MV 52 442	MV 52 242	MV 52 642	MV 53 542	MV 53 442	MV 53 242	MV 53 642	MV 51 100	MV 51 600	MV 51 101	MV 51 201	MV 51 601
200x110	MV 52 543	MV 52 443	MV 52 243	MV 52 643	MV 53 543	MV 53 443	MV 53 243	MV 53 643	MV 51 100	MV 51 600	MV 51 101	MV 51 201	MV 51 601
300x110	MV 52 545	MV 52 445	MV 52 245	MV 52 645	MV 53 545	MV 53 445	MV 53 245	MV 53 645	MV 51 100	MV 51 600	MV 51 101	MV 51 201	MV 51 601
400x110	MV 52 546	MV 52 446	MV 52 246	MV 52 646	MV 53 546	MV 53 446	MV 53 246	MV 53 646	MV 51 100	MV 51 600	MV 51 101	MV 51 201	MV 51 601
500x110	MV 52 547	MV 52 447	MV 52 247	MV 52 647	MV 53 547	MV 53 447	MV 53 247	MV 53 647	MV 51 100	MV 51 600	MV 51 101	MV 51 201	MV 51 601
600x110	MV 52 548	MV 52 448	MV 52 248	MV 52 648	MV 53 548	MV 53 448	MV 53 248	MV 53 648	MV 51 100	MV 51 600	MV 51 101	MV 51 201	MV 51 601

SELECTION GUIDE

SUSPENSION AND FIXING ACCESSORIES



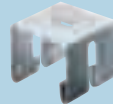
Wall-mounting bracket/ junction box support		Suspension support			*Universal supports			Stainless steel support AISI 304 L	** Suspension hanger			*** Centre rod suspension clamp		
														
Z 275	GAC	Z 275	GAC	STAINLESS STEEL	Z 275	GAC	STAINLESS STEEL	STAINLESS STEEL	Z 275	GAC	STAINLESS STEEL	BICHRO	DACHRO	STAINLESS STEEL
		MV 64 161	MV 64 261	MV 64 661	MV 51 130	MV 51 230	MV 51 630	MV 64 670	MV 51 105	MV 51 205	MV 51 605			
		MV 64 161	MV 64 261	MV 64 661	MV 51 130	MV 51 230	MV 51 630	MV 64 670	MV 51 105	MV 51 205	MV 51 605	MV 51 402	MV 51 202	MV 51 602
					MV 51 131	MV 51 231	MV 51 631	MV 64 671	MV 51 105	MV 51 205	MV 51 605	MV 51 402	MV 51 202	MV 51 602
					MV 51 132	MV 51 232	MV 51 632	MV 64 671	MV 51 105	MV 51 205	MV 51 605	MV 51 402	MV 51 202	MV 51 602
					MV 51 133	MV 51 233	MV 51 633	MV 64 672	MV 51 105	MV 51 205	MV 51 605	MV 51 402	MV 51 202	MV 51 602
MV 51 103	MV 51 203	MV 64 161	MV 64 261	MV 64 661	MV 51 130	MV 51 230	MV 51 630	MV 64 670	MV 51 105	MV 51 205	MV 51 605			
MV 51 103	MV 51 203	MV 64 161	MV 64 261	MV 64 661	MV 51 130	MV 51 230	MV 51 630	MV 64 670	MV 51 105	MV 51 205	MV 51 605	MV 51 402	MV 51 202	MV 51 602
MV 51 103	MV 51 203				MV 51 131	MV 51 231	MV 51 631	MV 64 671	MV 51 105	MV 51 205	MV 51 605			
MV 51 103	MV 51 203				MV 51 132	MV 51 232	MV 51 632	MV 64 671	MV 51 105	MV 51 205	MV 51 605	MV 51 402	MV 51 202	MV 51 602
MV 51 103	MV 51 203				MV 51 133	MV 51 233	MV 51 633	MV 64 672	MV 51 105	MV 51 205	MV 51 605	MV 51 402	MV 51 202	MV 51 602
MV 51 103	MV 51 203				MV 51 134	MV 51 234	MV 51 634	MV 64 673	MV 51 105	MV 51 205	MV 51 605	MV 51 402	MV 51 202	MV 51 602
MV 51 103	MV 51 203				MV 51 135	MV 51 235	MV 51 635	MV 64 674	MV 51 105	MV 51 205	MV 51 605	MV 51 402	MV 51 202	MV 51 602
MV 51 103	MV 51 203				MV 51 136	MV 51 236	MV 51 639		MV 51 105	MV 51 205	MV 51 605	MV 51 402	MV 51 202	MV 51 602
MV 51 103	MV 51 203				MV 51 131	MV 51 231	MV 51 631	MV 64 671	MV 51 105	MV 51 205	MV 51 605			
MV 51 103	MV 51 203				MV 51 132	MV 51 232	MV 51 632	MV 64 671	MV 51 105	MV 51 205	MV 51 605	MV 51 402	MV 51 202	MV 51 602
MV 51 103	MV 51 203				MV 51 133	MV 51 233	MV 51 633	MV 64 672	MV 51 105	MV 51 205	MV 51 605	MV 51 402	MV 51 202	MV 51 602
MV 51 103	MV 51 203				MV 51 134	MV 51 234	MV 51 634	MV 64 673	MV 51 105	MV 51 205	MV 51 605	MV 51 402	MV 51 202	MV 51 602
MV 51 103	MV 51 203				MV 51 135	MV 51 235	MV 51 635	MV 64 674	MV 51 105	MV 51 205	MV 51 605	MV 51 402	MV 51 202	MV 51 602
MV 51 103	MV 51 203				MV 51 136	MV 51 236	MV 51 639		MV 51 105	MV 51 205	MV 51 605	MV 51 402	MV 51 202	MV 51 602

* For use in suspension, choose the next size up and two ø 6 or ø 10 threaded bars

** Use ø 8 threaded bar and safety rivet retainer Code MV 51 086

*** Use no. 2 plates and no. 1 ø 6 threaded bar for suspension

SELECTION GUIDE

Cable tray dimensions	SUSPENSION AND FIXING ACCESSORIES								
	Drop rod hanger for universal supports			***Drop rod hanger			***Lamp support and suspension		
									
	Z 275	GAC	STAINLESS STEEL	Z 275	GAC	Z 275	GAC	STAINLESS STEEL	
50X30	MV 64 162	MV 64 262	MV 64 662			MV 51 107	MV 51 207	MV 51 607	
100X30	MV 64 162	MV 64 262	MV 64 662	MV 51 140	MV 51 240	MV 51 108	MV 51 208	MV 51 608	
150X30	MV 64 162	MV 64 262	MV 64 662						
200X30	MV 64 162	MV 64 262	MV 64 662						
300X30	MV 64 162	MV 64 262	MV 64 662						
50X60	MV 64 162	MV 64 262	MV 64 662			MV 51 107	MV 51 207	MV 51 607	
100X60	MV 64 162	MV 64 262	MV 64 662	MV 51 140	MV 51 240	MV 51 108	MV 51 208	MV 51 608	
150X60	MV 64 162	MV 64 262	MV 64 662						
200X60	MV 64 162	MV 64 262	MV 64 662			MV 51 108	MV 51 208	MV 51 608	
300X60	MV 64 162	MV 64 262	MV 64 662						
400X60	MV 64 162	MV 64 262	MV 64 662			MV 51 108	MV 51 208	MV 51 608	
500X60	MV 64 162	MV 64 262	MV 64 662						
600X60	MV 64 162	MV 64 262	MV 64 662			MV 51 108	MV 51 208	MV 51 608	
150X110									
200X110									
300X110									
400X110									
500X110									
600X110									

*** Use no. 1 ø 6 threaded bar for suspension

Use with universal supports with min. L 400 mm and no. 1 ø 10 threaded bar for suspension

SURFACE TREATMENTS

Type	Reference Standards	Description
Z 100	NF A 91-131	CONTINUOUS HOT-DIP GALVANIZATION OF THE WIRE BEFORE MANUFACTURING The galvanization is carried out by hot-dipping the wire into a molten zinc bath at 450-460° C. The current Z 100 grade corresponds to a coating thickness of 15-20 micron, i.e. to a zinc mass of at least 100 g/m ² . The salt spray fog tests carried out by LNE confirm the excellent degree of resistance against corrosion of the weld spots due to the cathode phenomenon. Regular cleaning of the joints ensures appearance retention.
Z 275	NF A 36-321 NF A 36-322	CONTINUOUS HOT-DIP GALVANIZATION OF SHEET METAL BEFORE MANUFACTURING The galvanization is carried out by hot-dipping a pre-treated sheet of steel into a zinc bath at 450-460° C. The surface aspect of the Z 275 finish is due to the natural crystallisation of the zinc. The current Z 275 grade corresponds to a coating thickness of 21 micron, i.e. a zinc mass of at least 275 g/m ² on both sides.
EZ	NF A 91-102	ELECTROLYTIC GALVANIZATION AFTER MANUFACTURING The BFR cable tray is protected using the following procedure: the zinc coating is applied to the steel by electrolysis after the wire mesh has been bent and welded evenly over the entire length of the cable tray. Coating thickness averages between 15 to 20 micron. The finish is glossy and shiny.
GAC	NF A 91-121 NF A 91-122	HOT-DIP GALVANIZATION AFTER MANUFACTURING This procedure involves hot-dipping the manufactured product into a zinc bath at approximately 450° C. The average zinc mass is of 335 g/m ² on both sides, which corresponds to a coating thickness of about 50 micron, varying according to the thickness of the sheet. This surface treatment is recommend for damp and corrosive environments. The possible appearance of white stains, due to the formation of zinc carbonate hydroxide, does not affect the resistance to corrosion. The finish is matt.
BICHRO	NF A 91-472	BICHROMATE ELECTRO-GALVANIZATION The zinc electrolytic coating is chrome-plated. Passivation gives the end product a golden hue. This surface treatment is used for some accessories (better corrosion resistance than electrolytic galvanization).
DACHRO		ZINC/ALUMINIUM METAL COATING Dacromet is a non-electrolytic metal coating. It consists of zinc and aluminium in a chromium oxide alloy. This intrinsic passivation offers a protection of 500 hours against sea spray mist with a coating thickness of 5 micron.
EPOXY	NFX 41002	SPRAY PAINTING WITH EPOXY-POLYESTER POWDER COATING (EPOXY) Thanks to a painting station integrated in the production line, GEWISS can provide the galvanized steel cable tray as well as the accessories coated with an epoxy-resin and polyester-based powder paint. The coating is applied with an automatic electrostatic spray-paint gun after pre-treating the products and the appropriate surfaces. M1 Fire Class. Corrosion resistance as per NFX 41002 Salt Spray Fog Standard. Standard colours RAL 3020 red and RAL 7030 grey; other colours available upon request (see RAL colour chart).

SURFACE TREATMENTS DEPENDANT ON APPLICATION ENVIRONMENT

Environment	Galvanized Z 100 - Z 275	Electro-galvanized EZ	Galvanized GAC	Epoxy painting on Z 100 - Z 275	Stainless steel AISI 304 L
Indoor installations normal environment	●	●	●	●	●
Outdoor installation normal environment	●	●	●	●	●
Marine environment	●	●	●	●	●
Alkaline environment	●	●	●	●	●
Acidic environment	●	●	●	●	●
Chemical industry	●	●	●	●	●
Food production environment	●	●	●	●	●

● High ● Good ● Possible ● Not recommended