

Base structures

Support ring for mat insulation HVAC and process piping below 250 °C

Pipe outside Ø mm	Insulation thickness mm	Ring outer Ø d=mm	Vertical duct 360° €/pc	Horizontal duct 120° €/pc	Horizontal duct 240° €/pc	with inner ring 360° €/pc	bolt joint 360° €/pc
140	40	223	8,03	2,38	6,55	17,42	11,88
140	50	251	8,79	2,70	7,07	18,38	12,70
140	60	264	9,16	2,87	7,33	18,87	13,10
140	80	302	10,21	3,33	8,07	20,23	14,24
140	100	343	11,34	3,82	8,84	27,42	15,46
140	120	383	12,61	4,30	9,61	28,84	16,83
168	40	251	8,74	2,65	7,02	19,17	12,66
168	50	276	9,42	2,94	7,49	20,04	13,39
168	60	290	9,82	3,12	7,78	20,56	13,83
168	80	330	10,92	3,60	8,54	21,98	15,02
168	100	369	11,99	4,07	9,28	29,10	16,18
168	120	422	13,61	4,68	10,26	30,93	17,91
219	40	302	10,04	3,15	7,89	22,37	14,08
219	50	330	10,79	3,46	8,41	23,32	14,89
219	60	343	11,16	3,63	8,67	23,81	15,29
219	80	383	12,38	4,12	9,43	25,23	16,60
219	100	422	13,48	4,60	10,18	32,35	17,80
219	120	462	14,62	5,08	10,94	33,77	19,01
219	140	515	16,30	5,68	11,94	35,99	20,80
273	40	356	11,41	3,68	8,80	25,73	15,57
273	50	383	12,21	3,99	9,30	26,66	16,44
273	60	394	12,54	4,14	9,53	27,08	16,79
273	80	434	13,68	4,62	10,30	28,50	18,02
273	100	489	15,19	5,25	11,31	36,13	19,65
273	120	528	16,47	5,72	12,06	37,86	21,02
273	140	566	17,57	6,19	12,78	39,27	22,21
324	40	409	12,81	4,20	9,69	28,97	17,10
324	50	434	13,49	4,49	10,16	29,84	17,84
324	60	449	13,94	4,68	10,46	30,39	18,31
324	80	489	15,06	5,16	11,23	31,81	19,54
324	100	528	16,32	5,64	11,97	39,22	20,88
324	120	580	17,79	6,23	13,12	41,08	22,46
324	140	620	18,94	6,71	13,91	42,54	23,71
356	50	462	14,24	4,78	10,70	31,71	18,62
356	60	489	14,99	5,08	11,17	32,64	19,42
356	80	528	16,22	5,64	11,90	34,25	20,74
356	100	570	17,42	6,11	12,69	41,52	22,05
356	120	610	18,49	6,61	13,69	42,94	23,24
356	140	645	19,76	7,00	14,40	44,32	24,60
406	50	515	15,62	5,28	11,54	35,09	20,17
406	60	540	16,36	5,58	12,02	36,02	20,96
406	80	580	17,49	6,05	12,87	37,46	22,17
406	100	620	18,65	6,53	13,66	44,67	23,43
406	120	659	19,96	7,01	14,44	46,11	24,82
406	140	700	21,12	7,48	15,22	47,56	26,07
508	50	620	18,28	6,31	13,38	41,55	23,08
508	60	633	18,68	6,49	13,65	42,06	23,51
508	80	685	20,27	7,09	14,65	43,92	25,21
508	100	720	21,41	7,55	15,41	51,06	26,42
508	120	766	22,85	8,05	16,42	52,97	27,95
508	140	803	23,99	8,51	17,20	54,40	29,18
612	50	720	20,97	7,33	15,12	47,93	26,01
612	60	740	21,43	7,52	15,43	48,52	26,50
612	80	790	23,04	8,12	16,54	50,59	28,23
612	100	829	24,23	8,59	17,35	57,83	29,51
612	120	870	25,46	9,07	18,16	59,36	30,82
612	140	910	26,86	9,54	18,98	60,86	32,28
612	160	938	28,10	10,02	19,80	62,40	33,62
714	50	829	23,72	8,37	16,99	54,56	29,02
714	60	840	24,18	8,55	17,29	55,14	29,50
714	80	880	25,34	9,02	18,07	56,60	30,75
714	100	920	26,72	9,50	18,90	63,87	32,20
714	120	973	28,26	10,09	20,10	65,79	33,86
714	140	1010	29,51	10,57	20,96	67,51	40,72
714	160	1050	31,00	11,05	21,81	69,06	42,28
813	50	920	26,12	9,28	18,53	60,61	31,64
813	60	938	26,92	9,59	19,06	61,59	32,50
813	80	984	28,07	10,02	19,94	63,06	33,73
813	100	1024	29,47	10,50	20,79	64,81	40,72
813	120	1065	30,77	11,00	21,66	66,53	42,11
813	140	1105	32,05	11,48	22,50	70,26	43,47
813	160	1145	33,32	11,96	23,36	71,89	44,83
914	50	1024	28,81	10,28	20,33	63,00	40,09
914	60	1050	29,66	10,63	20,76	65,95	41,02
914	80	1090	30,85	11,05	21,67	67,83	42,27
914	100	1130	32,09	11,52	22,52	72,12	43,63
914	120	1170	33,68	12,26	23,64	75,62	45,32
914	140	1210	34,86	12,69	24,40	78,15	46,58
914	160	1250	36,28	13,22	25,29	80,64	47,97
1016	50	1130	31,47	11,32	22,11	67,94	43,00
1016	60	1154	32,32	11,70	22,72	70,26	43,90
1016	80	1194	33,63	12,21	23,60	72,20	45,29
1016	100	1235	34,96	12,73	24,50	75,63	46,71
1016	120	1275	36,44	13,24	25,38	78,70	48,27
1016	140	1315	37,78	13,74	26,26	81,36	49,69
1016	160	1358	39,19	14,28	27,43	87,15	51,19

Support steels with inner ring and bolt joint includes bolts.

Base structures

Support ring for mat insulation HVAC and process piping over 250 °C

With 30x30x5xmm Nefalit

Pipe outside Ø mm	Insulation thickness mm	Ring outer Ø d=mm	Vertical duct 360° €/pc	Horizontal duct 240° €/pc	Horizontal duct 120° €/pc	with inner ring 360° €/pc
219	60	343	21,34	18,15	11,81	35,00
219	80	383	22,77	19,38	12,60	36,50
219	100	422	22,52	19,16	12,45	36,74
219	120	462	23,99	20,42	13,28	37,11
219	140	515	24,59	20,92	13,61	37,74
273	60	394	21,57	18,36	11,94	35,49
273	80	434	22,93	19,52	12,68	36,99
273	100	489	28,81	24,52	15,94	37,37
273	120	528	29,49	25,10	16,32	45,61
273	140	566	30,31	25,80	16,77	46,49
324	60	449	21,79	18,54	12,06	35,99
324	80	489	23,16	19,71	12,81	37,49
324	100	528	28,60	24,34	15,83	45,75
324	120	580	29,84	25,40	16,52	46,24
324	140	620	30,54	26,00	16,89	46,98
356	60	489	21,91	18,65	12,12	36,37
356	80	528	29,36	24,99	16,25	45,86
356	100	570	29,63	25,21	16,39	46,11
356	120	610	29,96	25,50	16,57	46,49
356	140	645	30,67	26,10	16,97	47,25
406	60	540	27,02	22,99	14,95	44,50
406	80	580	29,68	25,26	16,42	46,35
406	100	620	29,84	25,40	16,52	46,63
406	120	659	35,58	30,28	19,69	55,10
406	140	700	36,40	30,98	20,13	55,98
508	60	633	31,15	26,51	17,24	45,08
508	80	685	35,35	30,08	19,56	55,37
508	100	720	35,69	30,38	19,74	55,73
508	120	766	36,50	31,06	20,19	56,12
508	140	803	42,24	35,96	23,37	65,01
612	60	740	33,82	28,78	18,71	54,24
612	80	790	35,82	30,48	19,81	56,36
612	100	829	35,94	30,59	19,88	64,74
612	120	870	36,05	30,68	19,94	65,24
612	140	910	42,71	36,35	23,63	66,22
612	160	938	48,58	41,34	26,87	74,75
714	60	840	41,55	35,36	22,99	62,53
714	80	880	47,17	40,15	26,10	65,49
714	100	920	47,64	40,54	26,35	73,73
714	120	973	48,69	41,43	26,94	74,24
714	140	1010	54,54	46,42	30,18	75,36
714	160	1050	55,59	47,32	30,76	83,98
813	60	938	44,36	37,76	24,54	71,24
813	80	984	45,76	38,95	25,32	72,86
813	100	1024	47,75	40,64	26,42	77,22
813	120	1065	51,26	43,63	28,36	80,99
813	140	1105	53,14	45,22	29,40	83,11
813	160	1145	57,31	48,77	31,71	89,61
914	60	1050	48,79	41,53	26,99	78,86
914	80	1090	50,68	43,14	28,05	80,98
914	100	1130	52,67	44,83	29,13	83,11
914	120	1170	56,18	47,81	31,08	89,10
914	140	1210	58,16	49,50	32,18	91,22
914	160	1250	62,03	52,79	34,32	97,73
1016	60	1154	53,72	45,72	29,72	86,98
1016	80	1194	55,71	47,41	30,82	89,10
1016	100	1235	57,11	48,61	31,60	93,10
1016	120	1275	61,09	51,99	33,79	97,20
1016	140	1315	63,08	53,68	34,89	99,33
1016	160	1358	66,94	56,97	37,03	105,85

Support steels with inner ring and bolt joint includes bolts.

Base structures

Support ring for mat insulation round ventilation ducts under 250 °C

Pipe outside Ø mm	Insulation thickness mm	Ring outer Ø d=mm	Vertical duct 360° €/pc	Horizontal duct 120° €/pc	Horizontal duct 240° €/pc	with inner ring 360° €/pc	bolt joint 360° €/pc
200	40	290	9,75	3,04	7,70	20,98	13,76
200	50	316	10,45	3,34	8,18	21,68	14,52
200	60	330	10,85	3,52	8,46	22,09	14,95
200	80	369	11,92	3,99	9,21	23,16	16,12
200	100	409	13,17	4,47	9,98	29,60	17,45
200	120	449	14,31	4,95	10,73	30,55	18,68
250	40	343	11,09	3,55	8,59	23,74	15,23
250	50	362	11,62	3,78	8,96	24,24	15,79
250	60	383	12,28	4,04	9,36	24,79	16,50
250	80	422	13,39	4,50	10,10	25,80	17,71
250	100	462	14,51	4,99	10,87	32,08	18,93
250	120	502	15,60	5,46	11,60	32,94	20,10
250	140	540	16,94	5,94	12,36	34,19	21,52
315	40	409	12,82	4,21	9,70	27,11	17,12
315	50	422	13,21	4,38	9,97	27,46	17,53
315	60	462	13,95	4,69	10,47	28,10	18,34
315	80	489	15,08	5,17	11,24	29,05	19,56
315	100	525	16,26	5,62	11,94	35,34	20,82
315	120	565	17,42	6,10	12,70	36,22	22,07
315	140	605	18,59	6,58	13,66	37,07	23,32
400	40	489	14,84	4,99	11,07	31,17	19,34
400	50	510	15,52	5,24	11,45	31,78	20,05
400	60	540	16,09	5,48	11,84	32,25	20,67
400	80	570	17,26	5,96	12,61	33,18	21,93
400	100	610	18,42	6,45	13,52	39,04	23,18
400	120	650	19,76	6,93	14,31	39,83	24,60
400	140	690	20,95	7,41	15,11	40,58	25,88
500	40	590	17,47	5,98	12,83	35,84	22,20
500	50	610	18,05	6,22	13,22	36,27	22,82
500	60	640	18,63	6,46	13,62	36,69	23,45
500	80	670	19,91	6,94	14,41	37,49	24,82
500	100	710	21,10	7,42	15,21	43,06	26,10
500	120	750	22,29	7,92	16,00	43,73	27,37
500	140	790	23,68	8,40	17,00	44,76	28,85
630	40	720	20,82	7,26	15,03	41,20	25,87
630	50	740	21,42	7,50	15,42	41,56	26,51
630	60	766	22,01	7,75	15,82	41,90	27,14
630	80	800	23,33	8,23	16,73	42,78	28,54
630	100	840	24,54	8,71	17,56	48,00	29,84
630	120	880	25,77	9,19	18,38	48,59	31,15
630	140	920	27,19	9,67	19,20	49,14	32,66
630	160	960	28,44	10,15	20,26	49,66	34,00
800	40	890	25,19	8,94	17,96	47,37	30,65
800	50	910	25,88	9,18	18,37	47,65	31,37
800	60	938	26,50	9,42	18,78	47,93	32,04
800	80	973	27,75	9,90	19,72	48,46	33,37
800	100	1010	29,01	10,38	20,57	53,83	40,24
800	120	1050	30,43	10,86	21,43	55,42	41,74
800	140	1090	31,71	11,34	22,28	56,73	43,10
800	160	1130	32,98	11,82	23,13	58,05	44,47
1000	40	1090	30,38	10,91	21,39	55,65	41,84
1000	50	1110	31,02	11,15	21,83	56,30	42,52
1000	60	1130	31,66	11,39	22,25	56,96	43,21
1000	80	1170	33,06	11,98	23,23	58,26	44,68
1000	100	1210	34,37	12,50	24,11	63,83	46,07
1000	120	1250	35,67	13,00	24,99	65,13	47,47
1000	140	1290	37,19	13,52	25,87	66,84	49,06
1000	160	1330	38,53	14,03	26,75	68,20	50,48
1250	40	1340	36,84	13,42	25,74	67,89	48,90
1250	50	1360	37,52	13,68	26,20	68,58	49,61
1250	60	1380	38,18	13,93	26,65	69,27	50,32
1250	80	1420	39,63	14,44	27,57	70,63	51,85
1250	100	1460	41,01	14,96	28,48	76,24	53,29
1250	120	1500	42,37	15,46	29,39	77,60	54,75
1250	140	1540	43,94	16,18	30,51	79,36	56,40
1250	160	1580	45,34	16,72	31,45	80,78	57,87

Support steels with inner ring and bolt joint includes bolts.

Base structures

Support structures for mat and slab insulations, big tanks and round ducts diameter > 2000 mm

Flex distance support

Standard length circa 4 m or circa 6 m

Distance ring 30x3 flat, distance support 30x3 flat bent

Insulation nominal strength	Ring nominal distance	Material		Material	
		Ring 30x3 flat S235JRG2	Support 30x3 flat S235JRG2	Ring 30x3 flat S235JRG2	Support 30x3 flat AISI 304
		partition 500 mm	partitioni 350 mm	partition500 mm	partition 350 mm
mm	mm	€/m	€/m	€/m	€/m
50	60	4,38	4,81	5,14	5,96
60	70	4,39	4,93	5,34	6,23
80	90	4,47	5,05	5,72	6,80
100	110	4,55	5,17	6,10	7,34
120	130	4,63	5,29	6,50	7,88
140	150	4,73	5,41	6,88	8,44
160	170	4,81	5,52	7,26	8,98
180	190	4,89	5,64	7,65	9,53
200	210	4,99	5,76	8,03	10,08

Straight distance support

Standard length circa 4 m or circa 6 m

Distance ring 30x3 flat, distance support 30x3 flat straight

Insulation nominal strength	Ring nominal distance	Material		Material	
		Ring 30x3 flat S235JRG2	Support 30x3 flat S235JRG2	Ring 30x3 flat S235JRG2	Support 30x3 flat AISI 304
		partition 500 mm	partitioni 350 mm	partition500 mm	partition 350 mm
mm	mm	€/m	€/m	€/m	€/m
50	60	3,97	4,39	4,52	5,14
60	70	3,99	4,48	4,66	5,35
80	90	4,04	4,50	4,94	5,73
100	110	4,08	4,60	5,20	6,13
120	130	4,15	4,68	5,48	6,51
140	150	4,22	4,77	5,75	6,90
160	170	4,28	4,85	6,02	7,29
180	190	4,34	4,94	6,29	7,67
200	210	4,39	5,03	6,57	8,07

Support ring for mat insulations, small tanks and round ducts diameter < 2000 mm

Fastening multiplex 100 mm with riveting or welding.

Distance ring 30x3 flat, distance support 30x3 flat bent.

Insulation nominal strength	Ring nominal distance	Material		Material	
		Ring 30x3 flat S235JRG2	Support 30x3 flat S235JRG2	Ring 30x3 flat S235JRG2	Support 30x3 flat AISI 304
		straight support €/m	flex support €/m	straight support €/m	flex support €/m
mm	mm	€/m	€/m	€/m	€/m
50	60	7,48	8,03	8,38	9,19
60	70	7,54	8,08	8,58	9,46
80	90	7,61	8,19	8,96	10,02
100	110	7,70	8,31	9,35	10,56
120	130	7,76	8,41	9,73	11,10
140	150	7,85	8,51	10,13	11,67
160	170	7,92	8,64	10,53	12,21
180	190	8,01	8,75	10,91	12,77
200	210	8,08	8,86	11,30	13,32

Support strips for tank cone cladding

Size mm	Material	€/sheet
0,7x100x150	Colour coated	0,86
1,0x100x150	Hot galvanized	1,18

Supporting steel (diamond piece)

Insulation nominal strength	Ring nominal distance	Material	Material
		70x5 flat S235JRG2	70x5 flat AISI 304
mm	mm	€/kpl	€/kpl
40	50	2,07	4,95
50	60	2,22	5,65
60	70	2,35	6,40
80	90	2,62	7,78
100	110	2,89	9,22
120	130	3,14	10,66
140	150	3,41	12,08
150	160	3,53	12,81
160	170	3,66	13,49
180	190	3,92	14,92
200	210	4,19	16,31

Base structures

Wool spikes (welding)

Material round bar ST37K (S235JRG2)

Diameter 4 mm

Insulation nominal strength	Fastening spike length	STRAIGHT €/10 kg box	pieces/box	Fastening spike length	CURVED €/10 kg box	pieces/box	Fastening spike length	STRAIGHT WITH STRAIGHT SPOT WELDING SOCKET €/10 kg box
50 mm	80 mm	32,00	1250	55 mm	91,58	1250		
60 mm	90 mm	32,00	1111	65 mm	84,44	1111		
80 mm	110 mm	32,00	909	85 mm	74,07	909	85 mm	49,15
100 mm	130 mm	32,00	769	105 mm	66,88	769	105 mm	49,15
120 mm	150 mm	32,00	667	125 mm	61,64	667	125 mm	49,15
140 mm	170 mm	32,00	588	145 mm	57,58	588	145 mm	49,15
150 mm	180 mm	32,00	555	155 mm	55,89	555	155 mm	49,15
160 mm	190 mm	32,00	526	165 mm	54,40	526	165 mm	49,15
180 mm	210 mm	32,00	476	185 mm	51,83	476	185 mm	49,15
200 mm	230 mm	32,00	435	205 mm	49,73	435	205 mm	49,15
220 mm	250 mm	32,00	400	225 mm	47,93	400		
240 mm	270 mm	32,00	370	245 mm	46,39	370		
250 mm	280 mm	32,00	357	255 mm	45,73	357		
260 mm	290 mm	32,00	345	265 mm	45,11	345		
280 mm	310 mm	32,00	322	285 mm	43,92	322		
300 mm	330 mm	32,00	303	305 mm	42,95	303		

Wool spikes (welding)

Material round bar AISI 304 (RST)

Diameter 4 mm

Insulation nominal strength	Fastening spike length	STRAIGHT €/10 kg box	pieces/box	Fastening spike length	CURVED €/10 kg box	pieces/box
50 mm	80 mm	160,44	1250	55 mm	239,77	1250
60 mm	90 mm	153,56	1111	65 mm	224,08	1111
80 mm	110 mm	143,59	909	85 mm	201,29	909
100 mm	130 mm	136,66	769	105 mm	185,47	769
120 mm	150 mm	131,71	667	125 mm	174,05	667
140 mm	170 mm	127,72	588	145 mm	165,04	588
150 mm	180 mm	126,04	555	155 mm	161,26	555
160 mm	190 mm	124,64	526	165 mm	158,03	526
180 mm	210 mm	122,18	476	185 mm	152,40	476
200 mm	230 mm	120,25	435	205 mm	147,88	435
220 mm	250 mm	118,48	400	225 mm	143,87	400
240 mm	270 mm	116,90	370	245 mm	140,38	370
250 mm	280 mm	116,32	357	255 mm	138,97	357
260 mm	290 mm	115,81	345	265 mm	137,71	345
280 mm	310 mm	114,44	322	285 mm	134,88	322
300 mm	330 mm	113,69	303	305 mm	132,91	303

Flat wool spike

Distance ring 30x3 flat, wool spike \varnothing 4 mm straight, fixing from the ends M8 x 30-50 mm.

Insulation nominal strength	Wool spike nominal strength	Material	
		Ring 30x3 flat S235JRG2 spike S235JRG2	Wool Ring 30x3 flat AISI 304 Wool spike AISI 304
mm	mm	partition 300 mm	partition 300 mm
		€/m	€/m
50	55	4,39	6,61
60	65	4,47	6,81
80	85	4,50	7,19
100	105	4,60	7,58
120	125	4,68	7,96
140	145	4,77	8,36
160	165	4,85	8,75
180	185	4,93	9,13
200	205	5,02	9,52

Base structures

Round bars

Ø/length mm/m	Material	kg/m	€/m
4 / 5	St37k	0,100	0,39
8 / 5	St37k	0,395	1,41
10 / 5	St37k	0,620	2,20
4 / 3	Stainless steel	0,100	1,25
8 / 3	Stainless steel	0,395	4,46
8 / 3	Acid proof steel	0,395	7,70

Flat bars

Size/length mm/m	Material	kg/m	€/m
30x3 / 4	S235JRG2	0,710	1,79
70x5 / 4	S235JRG2	2,750	6,94
30x3 / 4	Stainless steel	0,710	7,17
60x5 / 4	Stainless steel	2,360	23,85
30x3 / 4	Acid proof steel	0,710	11,21
60x5 / 4	Acid proof steel	2,360	37,28

Corner bars

Size/length mm/m	Material	kg/m	€/m
30x30x3 / 6	S235JRG2	1,360	3,44
50x50x5 / 6	S235JRG2	3,770	9,54
30x30x3 / 6	Stainless steel	1,360	13,74
50x50x5 / 6	Stainless steel	3,770	38,08
30x30x3 / 6	Acid proof steel	1,360	21,47
50x50x5 / 6	Acid proof steel	3,770	59,52

Cold rolled U-bars

Size/length mm/m	Material	kg/m	€/m
U 40 x 20 x 2/4-6	S235JRG2	1,150	3,78

Prices on blue background are stock products.

NOTICE! Prices are valid with minimum order 5 pieces/product.

VAT 0 %.