

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	9,87	2,97	7,71	25,57	14,52
140	50	251	10,86	3,37	8,38	27,23	15,57
140	60	264	11,36	3,59	8,72	28,05	16,10
140	80	302	13,24	4,23	9,93	30,92	18,09
140	100	343	14,65	4,80	10,87	33,40	19,58
140	120	383	16,20	5,41	11,90	35,93	21,21
168	40	251	10,78	3,31	8,31	27,36	15,48
168	50	276	11,67	3,68	8,92	28,85	16,42
168	60	290	12,34	3,95	9,37	29,83	17,14
168	80	330	14,14	4,57	10,53	32,70	19,04
168	100	369	15,66	5,17	11,54	35,19	20,64
168	120	422	17,46	5,88	12,74	38,32	22,55
219	40	302	12,59	3,93	9,50	30,83	17,40
219	50	330	13,62	4,33	10,19	32,54	18,49
219	60	343	14,17	4,55	10,55	33,42	19,07
219	80	383	15,71	5,16	11,58	35,95	20,70
219	100	422	17,22	5,76	12,58	38,43	22,29
219	120	462	18,76	6,37	13,61	40,97	23,92
219	140	515	20,42	6,98	14,74	43,68	25,77
273	40	356	14,34	4,59	10,67	34,27	19,25
273	50	383	15,34	4,98	11,33	35,92	20,31
273	60	394	15,99	5,23	11,77	36,82	21,00
273	80	434	17,53	5,84	12,79	39,36	22,63
273	100	489	19,39	6,58	14,03	42,59	24,59
273	120	528	20,90	7,18	15,04	45,07	26,18
273	140	566	22,37	7,76	16,02	47,50	27,74
324	40	409	16,06	5,24	11,81	37,63	21,07
324	50	434	17,00	5,60	12,43	39,17	22,06
324	60	449	17,60	5,85	12,84	40,17	22,70
324	80	489	19,15	6,46	13,87	42,70	24,33
324	100	528	20,65	7,05	14,87	45,18	25,92
324	120	580	22,58	7,81	16,16	48,38	27,97
324	140	620	24,69	8,70	17,76	51,67	30,20
356	50	462	17,93	6,00	13,37	41,41	23,30
356	60	489	18,75	6,32	13,97	43,55	24,17
356	80	528	20,23	6,90	14,98	45,44	25,81
356	100	570	21,82	7,50	16,09	47,99	27,49
356	120	610	23,80	8,33	17,60	51,41	29,75
356	140	645	25,39	9,02	18,66	54,01	31,35
406	50	515	19,62	6,59	14,19	44,35	24,83
406	60	540	20,58	6,96	14,82	45,94	25,84
406	80	580	22,10	7,57	15,83	48,43	27,45
406	100	620	24,04	8,38	17,27	51,51	29,51
406	120	659	25,63	9,02	18,36	54,10	31,19
406	140	700	27,25	9,66	19,46	56,70	32,89
508	50	620	23,23	7,97	16,66	51,29	28,65
508	60	633	23,82	8,21	17,06	52,22	29,27
508	80	685	25,83	9,01	18,43	55,53	31,39
508	100	720	27,35	9,62	19,47	58,04	33,00
508	120	766	29,10	10,32	20,67	60,87	34,86
508	140	803	30,63	10,94	21,71	63,35	36,47
612	50	720	26,54	9,22	18,86	57,84	32,14

Base structures

612	60	740	27,24	9,50	19,35	58,93	32,89
612	80	790	29,23	10,29	20,70	62,22	34,99
612	100	829	30,82	10,93	21,79	64,81	36,67
612	120	870	32,46	11,58	22,90	67,46	38,40
612	140	910	34,06	12,22	24,00	70,05	40,09
612	160	938	35,54	12,83	25,02	72,60	41,66
714	50	829	30,01	10,52	21,18	64,59	35,81
714	60	840	30,59	10,76	21,58	65,55	36,43
714	80	880	32,17	11,40	22,66	68,10	38,10
714	100	920	33,79	12,05	23,77	70,75	39,82
714	120	973	35,82	12,85	25,15	74,06	41,96
714	140	1010	37,98	13,77	26,80	85,88	50,24
714	160	1050	39,68	14,46	27,99	88,63	52,04
813	50	920	32,98	11,64	23,16	70,51	38,96
813	60	938	33,92	11,89	23,80	72,14	39,95
813	80	984	35,52	12,49	24,90	74,65	41,64
813	100	1024	37,55	13,51	26,41	86,27	49,79
813	120	1065	39,29	14,21	27,62	89,08	51,63
813	140	1105	40,99	14,90	28,81	91,83	53,43
813	160	1145	42,70	15,59	30,00	94,58	55,23
914	50	1024	36,56	13,01	25,61	81,60	45,74
914	60	1050	37,60	13,43	26,34	83,31	46,85
914	80	1090	39,27	14,10	27,50	85,97	48,60
914	100	1130	40,98	14,80	28,70	92,96	53,42
914	120	1170	42,70	15,49	29,89	95,74	55,23
914	140	1210	44,40	16,18	31,08	98,49	57,03
914	160	1250	46,13	16,89	32,29	101,31	58,86
1016	50	1130	39,95	14,29	27,88	92,45	52,33
1016	60	1154	40,96	14,69	28,57	94,09	53,39
1016	80	1194	42,66	15,38	29,76	96,85	55,19
1016	100	1235	44,40	16,08	30,97	99,65	57,03
1016	120	1275	46,10	16,77	32,16	102,41	58,83
1016	140	1315	47,80	17,46	33,35	105,16	60,63
1016	160	1358	49,61	18,19	34,61	108,08	62,53

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	34,38	18,32	26,92	50,39
219	80	383	35,33	18,53	27,65	52,24
219	100	422	36,25	18,96	28,36	54,05
219	120	462	37,19	19,41	29,09	55,90
219	140	515	38,20	19,86	29,88	57,88
273	60	394	35,38	18,51	27,69	52,88
273	80	434	36,32	18,96	28,41	54,73
273	100	489	37,43	19,48	29,27	57,09
273	120	528	38,36	19,92	29,99	58,90
273	140	566	39,26	20,35	30,69	60,68
324	60	449	36,25	18,90	28,36	55,32
324	80	489	37,19	19,34	29,09	57,17
324	100	528	38,12	19,78	29,80	58,98
324	120	580	39,27	20,31	30,69	61,32
324	140	620	49,56	26,09	32,06	72,38
356	60	489	36,88	19,19	29,07	57,79
356	80	528	37,78	19,62	29,79	59,17
356	100	570	38,75	20,06	30,57	61,03
356	120	610	48,93	25,78	41,86	72,19
356	140	645	49,94	26,29	42,65	74,09
406	60	540	37,86	19,60	29,61	59,54
406	80	580	38,80	20,04	30,32	61,36
406	100	620	48,93	25,72	41,53	72,26
406	120	659	49,93	26,21	42,34	74,15
406	140	700	50,95	26,70	43,15	76,06
508	60	633	48,52	25,46	41,16	72,79
508	80	685	49,75	26,04	42,14	75,20
508	100	720	50,72	26,51	42,92	77,03
508	120	766	51,81	27,03	43,79	79,11
508	140	803	52,78	27,50	44,57	80,92
612	60	740	50,38	26,27	42,60	77,68
612	80	790	51,60	26,85	43,57	80,09
612	100	829	52,61	27,33	44,37	81,98
612	120	870	53,63	27,82	45,20	83,92
612	140	910	54,64	28,31	46,01	85,82
612	160	938	55,59	28,77	46,77	87,67
714	60	840	52,20	27,06	44,00	82,53
714	80	880	53,20	27,54	44,80	84,39
714	100	920	54,22	28,03	45,62	86,32
714	120	973	55,46	28,62	46,61	88,74
714	140	1010	65,81	39,44	58,08	106,03
714	160	1050	66,91	39,98	58,99	108,04
813	60	938	54,00	27,85	45,39	87,34
813	80	984	55,02	28,33	46,20	89,17
813	100	1024	65,23	39,08	57,50	106,32
813	120	1065	66,35	39,62	58,43	108,37
813	140	1105	67,45	40,16	59,34	110,38
813	160	1145	68,55	40,69	60,25	112,39
914	60	1050	64,90	38,82	57,13	104,16
914	80	1090	65,98	39,35	58,03	106,10

Base structures

914	100	1130	67,09	39,89	58,94	111,21
914	120	1170	68,19	40,43	59,86	113,24
914	140	1210	69,30	40,96	60,77	115,25
914	160	1250	70,41	41,51	61,69	117,31
1016	60	1154	66,72	39,61	58,54	112,04
1016	80	1194	67,82	40,15	59,45	114,05
1016	100	1235	68,94	40,70	60,37	116,10
1016	120	1275	70,04	41,23	61,28	118,11
1016	140	1315	71,14	41,77	62,19	120,12
1016	160	1358	72,30	42,33	63,15	122,25

Support steels with inner ring and bolt joint includes bolts.

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	12,04	3,79	9,16	29,79	16,82
200	50	316	13,17	4,16	9,88	31,60	18,01
200	60	330	13,74	4,40	10,27	32,54	18,62
200	80	369	15,25	4,99	11,27	35,02	20,22
200	100	409	16,79	5,60	12,30	37,55	21,84
200	120	449	18,34	6,21	13,33	40,09	23,47
250	40	343	13,92	4,43	10,39	33,36	18,81
250	50	362	14,66	4,72	10,88	34,57	19,59
250	60	383	15,46	5,04	11,41	35,89	20,44
250	80	422	16,97	5,64	12,42	38,37	22,03
250	100	462	18,51	6,25	13,45	40,91	23,66
250	120	502	20,01	6,84	14,45	43,35	25,25
250	140	540	21,53	7,44	15,46	45,87	26,85
315	40	409	16,06	5,24	11,81	37,56	21,07
315	50	422	16,61	5,46	12,17	38,44	21,65
315	60	462	17,75	5,90	12,94	40,20	22,86
315	80	489	19,15	6,46	13,87	42,63	24,33
315	100	525	20,56	7,02	14,81	44,94	25,82
315	120	565	22,10	7,63	15,84	47,47	27,45
315	140	605	24,21	8,52	17,43	50,77	29,68
400	40	489	18,66	6,21	13,54	42,70	23,81
400	50	510	19,46	6,53	14,08	44,02	24,66
400	60	540	20,35	6,87	14,67	45,37	25,60
400	80	570	21,77	7,44	15,62	47,82	27,11
400	100	610	23,72	8,26	17,05	50,90	29,17
400	120	650	25,34	8,91	18,16	53,55	30,88
400	140	690	26,96	9,56	19,27	56,19	32,60
500	40	590	21,93	7,44	15,89	49,13	27,28
500	50	610	22,91	7,85	16,44	50,67	28,31
500	60	640	23,83	8,21	17,07	52,08	29,28
500	80	670	25,34	8,83	18,11	54,63	30,88
500	100	710	26,96	9,48	19,21	57,28	32,59
500	120	750	28,59	10,13	20,32	59,92	34,31
500	140	790	30,21	10,78	21,43	62,56	36,02
630	40	720	26,31	9,11	18,70	57,64	31,91
630	50	740	27,12	9,44	19,25	58,96	32,76
630	60	766	28,00	9,78	19,85	60,33	33,69
630	80	800	29,56	10,41	20,92	62,92	35,34
630	100	840	31,18	11,06	22,03	65,57	37,05
630	120	880	32,80	11,71	23,13	68,21	38,77

Base structures

630	140	920	34,42	12,36	24,24	70,85	40,48
630	160	960	36,05	13,01	25,35	73,50	42,20
800	40	890	31,83	11,18	22,38	68,47	37,73
800	50	910	32,64	11,51	22,93	69,80	38,59
800	60	938	33,54	11,87	23,54	71,19	39,55
800	80	973	35,10	12,50	24,62	73,79	41,20
800	100	1010	37,10	13,34	26,11	79,53	49,31
800	120	1050	38,80	14,03	27,30	82,29	51,11
800	140	1090	40,51	14,72	28,49	85,04	52,91
800	160	1130	42,21	15,41	29,68	87,79	54,72
1000	40	1090	38,47	13,70	26,86	84,03	50,77
1000	50	1110	39,33	14,05	27,46	85,40	51,67
1000	60	1130	40,18	14,40	28,05	86,78	52,57
1000	80	1170	41,88	15,09	29,24	89,53	54,37
1000	100	1210	43,59	15,78	30,43	92,28	56,17
1000	120	1250	45,29	16,47	31,62	94,50	57,97
1000	140	1290	46,99	17,16	32,81	97,78	59,77
1000	160	1330	48,70	17,85	34,00	100,53	61,57
1250	40	1340	46,58	16,75	32,27	99,96	59,34
1250	50	1360	47,43	17,10	32,86	101,39	60,24
1250	60	1380	48,29	17,44	33,46	102,76	61,14
1250	80	1420	49,99	18,14	34,65	105,51	62,94
1250	100	1460	51,69	18,83	35,84	108,27	64,74
1250	120	1500	53,40	19,52	37,03	111,02	66,54
1250	140	1540	55,10	20,21	38,22	113,77	68,34
1250	160	1580	56,81	20,90	39,41	116,52	70,14

Support steels with inner ring and bolt joint includes bolts.

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 flat S235JRG2	Support 30x3 flat S235JRG2	Ring 30x3 flat S235JRG2 30x3 flat AISI 304	Support 30x3 flat AISI 304
mm	mm	partition 500 mm	partitioni 350 mm	partition500 mm	partition 350 mm
		€/m	€/m	€/m	€/m
50	60	5,24	5,84	6,37	7,53
60	70	5,32	5,96	6,63	7,93
80	90	5,48	6,20	7,17	8,73
100	110	5,64	6,44	7,70	9,54
120	130	5,80	6,68	8,24	10,34
140	150	5,96	6,92	8,77	11,14
160	170	6,12	7,16	9,31	11,94
180	190	6,28	7,40	9,84	12,74
200	210	6,63	7,87	10,57	13,78

Base structures

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 flat S235JRG2	Support 30x3 partitioni 350 mm	Ring 30x3 flat S235JRG2 30x3 flat AISI 304	Support partition 350 mm
mm	mm	partition 500 mm	partitioni 350 mm	partition500 mm	partition 350 mm
		€/m	€/m	€/m	€/m
50	60	4,80	5,27	5,59	6,46
60	70	4,85	5,35	5,78	6,75
80	90	4,97	5,52	6,16	7,31
100	110	5,08	5,69	6,54	7,88
120	130	5,19	5,86	6,92	8,45
140	150	5,30	6,03	7,29	9,01
160	170	5,42	6,20	7,67	9,58
180	190	5,53	6,37	8,05	10,15
200	210	5,81	6,73	8,59	10,91

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 flat S235JRG2	Support 30x3 flex support €/m	Ring 30x3 flat S235JRG2 30x3 flat AISI 304	Support flex support €/m
mm	mm	straight support €/m	flex support €/m	straight support €/m	flex support €/m
50	60	9,02	9,66	10,34	11,53
60	70	9,11	9,79	10,66	11,98
80	90	9,30	10,05	11,29	12,87
100	110	9,49	10,32	11,92	13,76
120	130	9,68	10,59	12,55	14,65
140	150	9,86	10,85	13,18	15,54
160	170	10,05	11,12	13,81	16,43
180	190	10,24	11,38	14,44	17,32
200	210	10,96	12,22	15,60	18,79

Support strips for tank cone cladding

Size mm	Material	€/sheet
0,7x100x150	Colour coated	1,06
1,0x100x150	Hot galvanized	1,21

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	2,62	7,43
50	60	2,74	7,92
60	70	2,85	8,42
80	90	3,08	9,41
100	110	3,62	10,77
120	130	3,84	11,76
140	150	4,07	12,75
150	160	4,18	13,24
160	170	4,61	14,11
180	190	4,84	15,10
200	210	5,07	16,09

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
50 mm	80 mm	37,25	1250	55 mm	91,58	1250
60 mm	90 mm	37,25	1111	65 mm	84,44	1111
80 mm	110 mm	37,25	909	85 mm	74,07	909
100 mm	130 mm	37,25	769	105 mm	66,88	769
120 mm	150 mm	37,25	667	125 mm	61,64	667
140 mm	170 mm	37,25	588	145 mm	57,58	588
150 mm	180 mm	37,25	555	155 mm	55,89	555
160 mm	190 mm	37,25	526	165 mm	54,40	526
180 mm	210 mm	37,25	476	185 mm	51,83	476
200 mm	230 mm	37,25	435	205 mm	49,73	435
220 mm	250 mm	37,25	400	225 mm	47,93	400
240 mm	270 mm	37,25	370	245 mm	46,39	370
250 mm	280 mm	37,25	357	255 mm	45,73	357
260 mm	290 mm	37,25	345	265 mm	45,11	345
280 mm	310 mm	37,25	322	285 mm	43,92	322
300 mm	330 mm	37,25	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	according to offer	1250	55 mm	according to offer	1250
60 mm	90 mm	according to offer	1111	65 mm	according to offer	1111
80 mm	110 mm	according to offer	909	85 mm	according to offer	909
100 mm	130 mm	according to offer	769	105 mm	according to offer	769
120 mm	150 mm	according to offer	667	125 mm	according to offer	667
140 mm	170 mm	according to offer	588	145 mm	according to offer	588
150 mm	180 mm	according to offer	555	155 mm	according to offer	555
160 mm	190 mm	according to offer	526	165 mm	according to offer	526
180 mm	210 mm	according to offer	476	185 mm	according to offer	476
200 mm	230 mm	according to offer	435	205 mm	according to offer	435
220 mm	250 mm	according to offer	400	225 mm	according to offer	400
240 mm	270 mm	according to offer	370	245 mm	according to offer	370
250 mm	280 mm	according to offer	357	255 mm	according to offer	357
260 mm	290 mm	according to offer	345	265 mm	according to offer	345
280 mm	310 mm	according to offer	322	285 mm	according to offer	322
300 mm	330 mm	according to offer	303	305 mm	according to offer	303

Base structures

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	Material
		Ring 30x3 flat S235JRG2 spike S235JRG2	Ring 30x3 flat AISI 304 spike AISI 304
mm	mm	partition 300 mm	partition 300 mm
		€/m	€/m
50	55	5,38	10,04
60	65	5,40	10,08
80	85	5,45	10,17
100	105	5,50	10,26
120	125	5,54	10,34
140	145	5,59	10,43
160	165	5,61	10,47
180	185	5,63	10,52
200	205	5,68	10,60

Round bars

\varnothing /length mm/m	Material	kg/m	€/m
4 / 5	St37k	0,100	0,86
8 / 5	St37k	0,395	3,37
10 / 5	St37k	0,620	5,30
4 / 3	Stainless steel	0,100	according to offer
8 / 3	Stainless steel	0,395	according to offer
8 / 3	Acid proof steel	0,395	according to offer

Flat bars

Size/length mm/m	Material	kg/m	€/m
30x3 / 4	S235JRG2	0,710	3,09
70x5 / 4	S235JRG2	2,750	13,16
30x3 / 4	Stainless steel	0,710	according to offer
60x5 / 4	Stainless steel	2,360	according to offer
30x3 / 4	Acid proof steel	0,710	according to offer
60x5 / 4	Acid proof steel	2,360	according to offer

Corner bars

Size/length mm/m	Material	kg/m	€/m
30x30x3 / 6	S235JRG2	1,360	5,91
50x50x5 / 6	S235JRG2	3,770	17,53
30x30x3 / 6	Stainless steel	1,360	according to offer
50x50x5 / 6	Stainless steel	3,770	according to offer
30x30x3 / 6	Acid proof steel	1,360	according to offer
50x50x5 / 6	Acid proof steel	3,770	according to offer

Cold rolled U-bars

Size/length mm/m	Material	kg/m	€/m
U 40 x 20 x 2/4-6	S235JRG2	1,150	6,21

Prices on blue background are stock products.

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

VAT 0 %.