

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	9,64	2,86	7,86	20,91	14,26
140	50	251	10,55	3,24	8,49	22,06	15,24
140	60	264	11,00	3,45	8,80	22,65	15,72
140	80	302	12,26	4,00	9,69	24,28	17,09
140	100	343	13,61	4,59	10,61	32,91	18,56
140	120	383	15,14	5,16	11,54	34,61	20,20
168	40	251	10,49	3,18	8,43	23,01	15,20
168	50	276	11,31	3,53	8,99	24,05	16,07
168	60	290	11,79	3,75	9,34	24,68	16,60
168	80	330	13,11	4,32	10,25	26,38	18,03
168	100	369	14,39	4,89	11,14	34,92	19,42
168	120	422	16,34	5,62	12,32	37,12	21,50
219	40	302	12,05	3,78	9,47	26,85	16,90
219	50	330	12,95	4,16	10,10	27,99	17,87
219	60	343	13,40	4,36	10,41	28,58	18,35
219	80	383	14,86	4,95	11,32	30,28	19,92
219	100	422	16,18	5,52	12,22	38,82	21,36
219	120	462	17,55	6,10	13,13	40,53	22,82
219	140	515	19,56	6,82	14,33	43,19	24,96
273	40	356	13,70	4,42	10,56	30,88	18,69
273	50	383	14,66	4,79	11,16	32,00	19,73
273	60	394	15,05	4,97	11,44	32,50	20,15
273	80	434	16,42	5,55	12,36	34,20	21,63
273	100	489	18,23	6,30	13,58	43,36	23,58
273	120	528	19,77	6,87	14,48	45,44	25,23
273	140	566	21,09	7,43	15,34	47,13	26,66
324	40	409	15,38	5,04	11,63	34,77	20,52
324	50	434	16,19	5,39	12,20	35,81	21,41
324	60	449	16,73	5,62	12,56	36,47	21,98
324	80	489	18,08	6,20	13,48	38,18	23,45
324	100	528	19,59	6,77	14,37	47,07	25,06
324	120	580	21,35	7,48	15,75	49,30	26,96
324	140	620	22,73	8,06	16,70	51,05	28,46
356	50	462	17,09	5,74	12,84	38,06	22,35
356	60	489	17,99	6,10	13,41	39,17	23,31
356	80	528	19,47	6,77	14,28	41,10	24,89
356	100	570	20,91	7,34	15,23	49,83	26,46
356	120	610	22,19	7,94	16,43	51,53	27,89
356	140	645	23,72	8,40	17,28	53,19	29,52
406	50	515	18,75	6,34	13,85	42,11	24,21
406	60	540	19,64	6,70	14,43	43,23	25,16
406	80	580	20,99	7,26	15,45	44,96	26,61
406	100	620	22,38	7,84	16,40	53,61	28,12
406	120	659	23,96	8,42	17,33	55,34	29,79
406	140	700	25,35	8,98	18,27	57,08	31,29
508	50	620	21,94	7,58	16,06	49,86	27,70
508	60	633	22,42	7,79	16,38	50,48	28,22
508	80	685	24,33	8,51	17,58	52,71	30,26
508	100	720	25,70	9,06	18,50	61,28	31,71
508	120	766	27,42	9,66	19,71	63,57	33,54
508	140	803	28,79	10,22	20,64	65,28	35,02
612	50	720	25,17	8,80	18,15	57,52	31,22
612	60	740	25,72	9,03	18,52	58,23	31,80
612	80	790	27,65	9,75	19,85	60,71	33,88
612	100	829	29,08	10,31	20,82	69,40	35,42
612	120	870	30,56	10,89	21,80	71,24	36,99
612	140	910	32,24	11,45	22,78	73,04	38,74
612	160	938	33,72	12,03	23,76	74,88	40,35
714	50	829	28,47	10,05	20,39	65,48	34,83
714	60	840	29,02	10,26	20,75	66,17	35,40
714	80	880	30,41	10,83	21,69	67,92	36,90
714	100	920	32,07	11,40	22,68	76,65	38,64
714	120	973	33,92	12,11	24,12	78,95	40,64
714	140	1010	35,42	12,69	25,16	81,02	42,87
714	160	1050	37,20	13,26	26,18	82,88	50,74
813	50	920	31,35	11,14	22,24	72,74	37,97
813	60	938	32,31	11,51	22,88	73,91	39,00
813	80	984	33,69	12,03	23,93	75,68	40,48
813	100	1024	35,37	12,60	24,95	77,78	42,87
813	120	1065	36,93	13,20	26,00	79,84	50,54
813	140	1105	38,46	13,78	27,00	84,32	52,17
813	160	1145	39,99	14,36	28,04	86,27	53,80
914	50	1024	34,58	12,34	24,40	75,60	48,11
914	60	1050	35,60	12,76	24,92	79,14	49,23
914	80	1090	37,02	13,26	26,01	81,40	50,73
914	100	1130	38,51	13,83	27,03	86,55	52,36
914	120	1170	40,42	14,72	28,37	90,75	54,39
914	140	1210	41,84	15,23	29,28	93,78	55,90
914	160	1250	43,54	15,87	30,35	96,77	57,57
1016	50	1130	37,77	13,59	26,54	81,53	51,60
1016	60	1154	38,79	14,04	27,27	84,32	52,68
1016	80	1194	40,36	14,66	28,32	86,64	54,35
1016	100	1235	41,96	15,28	29,40	90,76	56,06
1016	120	1275	43,73	15,89	30,46	94,44	57,93
1016	140	1315	45,34	16,49	31,52	97,64	59,63
1016	160	1358	47,03	17,14	32,92	104,58	61,43

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	25,61	21,78	14,18	42,00
219	80	383	27,33	23,26	15,12	43,80
219	100	422	27,03	23,00	14,94	44,09
219	120	462	28,79	24,51	15,94	44,54
219	140	515	29,51	25,11	16,34	45,29
273	60	394	25,89	22,04	14,33	42,59
273	80	434	27,52	23,43	15,22	44,39
273	100	489	34,58	29,43	19,13	44,85
273	120	528	35,39	30,12	19,59	54,74
273	140	566	36,38	30,96	20,13	55,79
324	60	449	26,15	22,25	14,48	43,19
324	80	489	27,80	23,66	15,38	44,99
324	100	528	34,32	29,21	19,00	54,90
324	120	580	35,81	30,48	19,83	55,49
324	140	620	36,65	31,20	20,27	56,38
356	60	489	26,30	22,38	14,55	43,65
356	80	528	35,24	29,99	19,50	55,04
356	100	570	35,56	30,26	19,67	55,34
356	120	610	35,96	30,60	19,89	55,79
356	140	645	36,81	31,32	20,37	56,70
406	60	540	32,43	27,59	17,94	53,40
406	80	580	35,62	30,32	19,71	55,62
406	100	620	35,81	30,48	19,83	55,96
406	120	659	42,70	36,34	23,63	66,12
406	140	700	43,68	37,18	24,16	67,18
508	60	633	37,38	31,82	20,69	54,10
508	80	685	42,42	36,10	23,48	66,45
508	100	720	42,83	36,46	23,69	66,88
508	120	766	43,80	37,28	24,23	67,35
508	140	803	50,69	43,16	28,05	78,02
612	60	740	40,59	34,54	22,46	65,09
612	80	790	42,99	36,58	23,78	67,64
612	100	829	43,13	36,71	23,86	77,69
612	120	870	43,26	36,82	23,93	78,29
612	140	910	51,26	43,62	28,36	79,47
612	160	938	58,30	49,61	32,25	89,70
714	60	840	49,86	42,44	27,59	75,04
714	80	880	56,61	48,18	31,32	78,59
714	100	920	57,17	48,65	31,62	88,48
714	120	973	58,43	49,72	32,33	89,09
714	140	1010	65,45	55,71	36,22	90,44
714	160	1050	66,71	56,79	36,92	100,78
813	60	938	53,24	45,32	29,45	85,49
813	80	984	54,92	46,74	30,39	87,44
813	100	1024	57,30	48,77	31,71	92,67
813	120	1065	61,52	52,36	34,04	97,19
813	140	1105	63,77	54,27	35,28	99,74
813	160	1145	68,78	58,53	38,06	107,54
914	60	1050	58,55	49,84	32,39	94,64
914	80	1090	60,82	51,77	33,66	97,18
914	100	1130	63,21	53,80	34,96	99,74
914	120	1170	67,42	57,38	37,30	106,92
914	140	1210	69,80	59,40	38,62	109,47
914	160	1250	74,44	63,35	41,19	117,28
1016	60	1154	64,47	54,87	35,67	104,38
1016	80	1194	66,86	56,90	36,99	106,92
1016	100	1235	68,54	58,34	37,92	111,72
1016	120	1275	73,31	62,39	40,55	116,64
1016	140	1315	75,70	64,42	41,87	119,20
1016	160	1358	80,33	68,37	44,44	127,02

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	11,70	3,65	9,24	25,18	16,52
200	50	316	12,54	4,01	9,82	26,02	17,43
200	60	330	13,02	4,23	10,16	26,51	17,94
200	80	369	14,31	4,79	11,06	27,80	19,35
200	100	409	15,81	5,37	11,98	35,52	20,94
200	120	449	17,18	5,94	12,88	36,66	22,42
250	40	343	13,31	4,26	10,31	28,49	18,28
250	50	362	13,95	4,54	10,76	29,09	18,95
250	60	383	14,74	4,85	11,24	29,75	19,80
250	80	422	16,07	5,40	12,12	30,96	21,26
250	100	462	17,42	5,99	13,05	38,50	22,72
250	120	502	18,72	6,56	13,92	39,53	24,12
250	140	540	20,33	7,13	14,84	41,03	25,83
315	40	409	15,39	5,06	11,64	32,54	20,55
315	50	422	15,86	5,26	11,97	32,96	21,04
315	60	462	16,74	5,63	12,57	33,72	22,01
315	80	489	18,10	6,21	13,49	34,86	23,48
315	100	525	19,52	6,75	14,33	42,41	24,99
315	120	565	20,91	7,32	15,24	43,47	26,49
315	140	605	22,31	7,90	16,40	44,49	27,99
400	40	489	17,81	5,99	13,29	37,41	23,21
400	50	510	18,63	6,29	13,74	38,14	24,06
400	60	540	19,31	6,58	14,21	38,70	24,81
400	80	570	20,72	7,16	15,14	39,82	26,32
400	100	610	22,11	7,74	16,23	46,85	27,82
400	120	650	23,72	8,32	17,18	47,80	29,52
400	140	690	25,14	8,90	18,14	48,70	31,06
500	40	590	20,97	7,18	15,40	43,01	26,64
500	50	610	21,66	7,47	15,87	43,53	27,39
500	60	640	22,36	7,76	16,35	44,03	28,14
500	80	670	23,90	8,33	17,30	44,99	29,79
500	100	710	25,32	8,91	18,26	51,68	31,32
500	120	750	26,75	9,51	19,20	52,48	32,85
500	140	790	28,42	10,08	20,40	53,72	34,62
630	40	720	24,99	8,72	18,04	49,44	31,05
630	50	740	25,71	9,00	18,51	49,88	31,82
630	60	766	26,42	9,30	18,99	50,28	32,57
630	80	800	28,00	9,88	20,08	51,34	34,25
630	100	840	29,45	10,46	21,08	57,60	35,81
630	120	880	30,93	11,03	22,06	58,31	37,38
630	140	920	32,63	11,61	23,04	58,97	39,20
630	160	960	34,13	12,18	24,32	59,60	40,80
800	40	890	30,23	10,73	21,56	56,85	36,78
800	50	910	31,06	11,02	22,05	57,18	37,65
800	60	938	31,80	11,31	22,54	57,52	38,45
800	80	973	33,30	11,88	23,67	58,16	40,05
800	100	1010	34,82	12,46	24,69	64,60	48,29
800	120	1050	36,52	13,04	25,72	66,51	50,09
800	140	1090	38,06	13,61	26,74	68,08	51,72
800	160	1130	39,58	14,19	27,76	69,66	53,37
1000	40	1090	36,46	13,10	25,67	66,78	50,21
1000	50	1110	37,23	13,38	26,20	67,56	51,03
1000	60	1130	38,00	13,67	26,70	68,36	51,86
1000	80	1170	39,68	14,38	27,88	69,92	53,62
1000	100	1210	41,25	15,00	28,94	76,60	55,29
1000	120	1250	42,81	15,60	29,99	78,16	56,97
1000	140	1290	44,63	16,23	31,05	80,21	58,88
1000	160	1330	46,24	16,84	32,10	81,84	60,58
1250	40	1340	44,21	16,11	30,89	81,47	58,68
1250	50	1360	45,03	16,42	31,44	82,30	59,54
1250	60	1380	45,82	16,72	31,98	83,13	60,39
1250	80	1420	47,56	17,33	33,09	84,76	62,22
1250	100	1460	49,22	17,96	34,18	91,49	63,95
1250	120	1500	50,85	18,56	35,27	93,12	65,70
1250	140	1540	52,73	19,42	36,62	95,24	67,68
1250	160	1580	54,41	20,07	37,74	96,94	69,45

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 30x3 flat S235JRG2	Support	Ring 30x3 flat S235JRG2 30x3 flat AISI 304	Support
mm	mm	partition 500 mm	partitioni 350 mm	partition500 mm	partition 350 mm
		€/m	€/m	€/m	€/m
50	60	5,17	5,68	6,17	7,16
60	70	5,19	5,82	6,41	7,48
80	90	5,28	5,96	6,87	8,16
100	110	5,37	6,11	7,32	8,81
120	130	5,47	6,25	7,80	9,46
140	150	5,59	6,39	8,26	10,13
160	170	5,68	6,52	8,72	10,78
180	190	5,78	6,66	9,18	11,44
200	210	5,89	6,80	9,64	12,10

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 30x3 flat S235JRG2	Support	Ring 30x3 flat S235JRG2 30x3 flat AISI 304	Support
mm	mm	partition 500 mm	partitioni 350 mm	partition500 mm	partition 350 mm
		€/m	€/m	€/m	€/m
50	60	4,69	5,19	5,43	6,17
60	70	4,71	5,29	5,60	6,42
80	90	4,77	5,31	5,93	6,88
100	110	4,82	5,43	6,24	7,36
120	130	4,90	5,53	6,58	7,82
140	150	4,98	5,63	6,90	8,28
160	170	5,06	5,73	7,23	8,75
180	190	5,13	5,83	7,55	9,21
200	210	5,19	5,94	7,89	9,69

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 30x3 flat S235JRG2	Support	Ring 30x3 flat S235JRG2 30x3 flat AISI 304	Support
mm	mm	straight support €/m	flex support €/m	straight support €/m	flex support €/m
50	60	8,83	9,48	10,06	11,03
60	70	8,90	9,54	10,30	11,36
80	90	8,98	9,67	10,76	12,03
100	110	9,09	9,81	11,22	12,68
120	130	9,16	9,93	11,68	13,32
140	150	9,27	10,05	12,16	14,01
160	170	9,35	10,20	12,64	14,66
180	190	9,46	10,33	13,10	15,33
200	210	9,54	10,46	13,56	15,99

Support strips for tank cone cladding

Size mm	Material	€/sheet
0,7x100x150	Colour coated	0,96
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	2,45	5,95
50	60	2,63	6,78
60	70	2,77	7,68
80	90	3,10	9,35
100	110	3,41	11,07
120	130	3,71	12,80
140	150	4,03	14,50
150	160	4,17	15,38
160	170	4,33	16,19
180	190	4,63	17,91
200	210	4,95	19,58

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

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	Wool
mm	mm	Material	
		Ring 30x3 flat AISI 304	Wool
		partition 300 mm	partition 300 mm
		€/m	€/m
50	55	5,19	7,80
60	65	5,28	8,04
80	85	5,31	8,49
100	105	5,43	8,95
120	125	5,53	9,40
140	145	5,63	9,87
160	165	5,73	10,33
180	185	5,82	10,78
200	205	5,93	11,24

Base structures

Round bars

Ø/length mm/m	Material	kg/m	€/m
4 / 5	St37k	0,100	0,47
8 / 5	St37k	0,395	1,67
10 / 5	St37k	0,620	2,60
4 / 3	Stainless steel	0,100	1,48
8 / 3	Stainless steel	0,395	5,27
8 / 3	Acid proof steel	0,395	9,09

Flat bars

Size/length mm/m	Material	kg/m	€/m
30x3 / 4	S235JRG2	0,710	2,12
70x5 / 4	S235JRG2	2,750	8,19
30x3 / 4	Stainless steel	0,710	8,47
60x5 / 4	Stainless steel	2,360	28,15
30x3 / 4	Acid proof steel	0,710	13,23
60x5 / 4	Acid proof steel	2,360	44,00

Corner bars

Size/length mm/m	Material	kg/m	€/m
30x30x3 / 6	S235JRG2	1,360	4,06
50x50x5 / 6	S235JRG2	3,770	11,26
30x30x3 / 6	Stainless steel	1,360	16,22
50x50x5 / 6	Stainless steel	3,770	44,94
30x30x3 / 6	Acid proof steel	1,360	25,34
50x50x5 / 6	Acid proof steel	3,770	70,24

Cold rolled U-bars

Size/length mm/m	Material	kg/m	€/m
U 40 x 20 x 2/4-6	S235JRG2	1,150	4,47

Prices on blue background are stock products.

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

VAT 0 %.