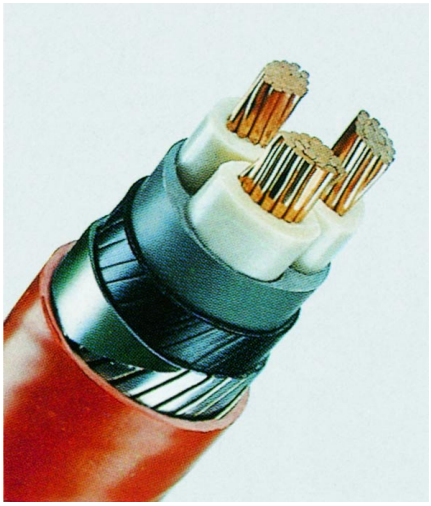
NYFGY (E-YFGY)

Three-core PVC Insulated Cable with Flat Wire Armour

according to DIN VDE 0271 / ÖVE - K23



Construction

Conductor of stranded bare copper wires, PVC insulation, common core covering, armour of galvanised flat steel wires and counter helix, red PVC outer sheath with normalised marking and meter marking.

Application

To be laid directly in ground, in water, outdoors, indoors and in cable ducts if increased mechanical protection is required or if greater tensile stresses are to be expected during installation and operation.

Temperature range

- 5°C till + 70°C

Admissible conductor temperature + 70°C

Admissible short circuit temperature + 160°C

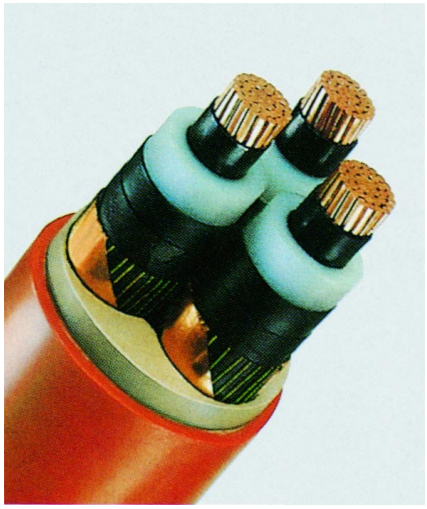
(for the duration of max. 5 s)

Number of cores and nominal cross section	Price	Copper figure	Overall diameter min. value	Overall diameter max. value	Weight ca.	Current carrying capacity ground	Current carrying capacity air
mm²	EUR / km	kg / km	ca. mm		kg / km	A	
NYFGY 3,6/6 KV							
3 x 25 RM	13.185,60	750	36	42	2640	126	105
3 x 35 SM	14.116,30	1050	36	43	2730	158	131
3 x 50 SM	**17.024,90**	1500	38	46	3220	187	157
3 x 70 SM	21.384,60	2100	41	49	4010	230	197
3 x 95 SM	27.513,50	2850	45	53	4930	275	241
3 x 120 SM	31.815,50	3600	48	56	5810	313	277
3 x 150 SM	37.994,10	4500	51	59	6770	352	316
3 x 185 SM	46.294,40	5550	55	64	7960	397	362
3 x 240 SM	56.205,10	7200	59	68	9850	460	427

N2XSEY (E-2XHCEY)

Three-core XLPE Insulated Cable with PVC Outer Sheath

according to DIN VDE 0276-620 / ÖVE - K620



Construction

Conductor of stranded bare copper wires, inner layer of semi-conducting material, insulation of cross-linked polyethylene (XLPE), outer layer of semi-conducting material, semi-conducting tape, copper wires and copper tape applied helically over each individual core, inner covering over laid-up cores, red PVC outer sheath with normalised marking and meter marking.

Application

To be laid directly in ground, in water, outdoors, indoors and in cable ducts e.g. in industrial and switchboard plants.

Temperature range

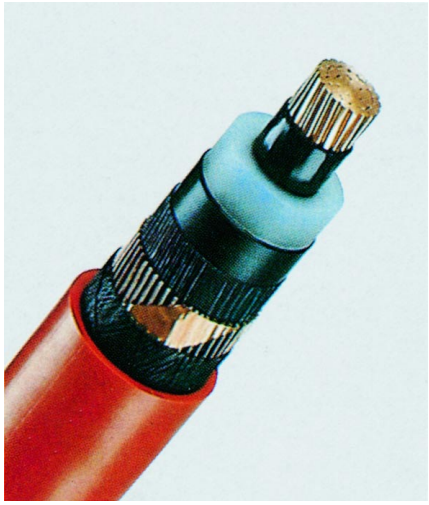
- 5°C till + 70°C
Admissible conductor temperature + 90°C
Admissible short circuit temperature + 250°C
(for the duration of max. 5 s)

Number of cores and nominal cross section	Price	Copper figure	Overall diameter min. value	Overall diameter max. value	Weight ca.	Current carrying capacity ground	Current carrying capacity air
mm²	EUR / km	kg / km	ca. mm		kg / km	A	
N2XSEY 6/10 KV							
3 x 35 RM / 16	22.422,10	1260	46	49	2380	178	173
3 x 50 RM / 16	26.640,10	1690	49	52	2600	210	206
3 x 70 RM / 16	32.714,50	2290	52	56	3350	256	257
3 x 95 RM / 16	41.613,40	3040	56	60	4200	307	313
3 x 120 RM / 16	48.549,30	3790	60	64	5050	349	360
3 x 150 RM / 25	56.328,80	4795	65	68	6000	392	410
3 x 185 RM / 25	64.348,40	5845	67	70	7200	443	469
3 x 240 RM / 25	77.843,50	7495	72	76	9000	513	553

N2XSY (E-2XHCY)
NA2XSY (E-A2XHCY)

XLPE Insulated Single-Core Cable with PVC Outer Sheath

according to DIN VDE 0276-620 / ÖVE - K620



Construction
Conductor of stranded bare copper or aluminium wires, inner layer of semi-conducting material, insulation of cross-linked polyethylene (XLPE), outer layer of semi-conducting material, conducting tape, copper wires and copper tape applied helically, separator tape, red PVC outer sheath with normalised marking and meter marking.

Application
To be laid directly in ground, outdoors, indoors and in cable ducts.

Temperature range
- 5°C till + 70°C
Admissible conductor temperature + 90°C
Admissible short circuit temperature + 250°C
(for the duration of max. 5 s)

Number of cores and nominal cross section	Price	Aluminium figure	Copper figure	Overall diameter min. value	Overall diameter max. value	Weight ca.	Current carrying * capacity ground	Current carrying * capacity air
mm²	EUR / km	kg / km	kg / km	ca. mm		kg / km	A	
N2XSY 6/10 KV								
1 x 35 RM / 16	6.821,30	--	540	23	28	900	187	195
1 x 50 RM / 16	7.466,40	--	690	24	29	1050	220	234
1 x 70 RM / 16	8.693,30	--	890	26	31	1300	269	292
1 x 95 RM / 16	10.275,60	--	1140	27	32	1600	321	354
1 x 120 RM / 16	12.191,00	--	1390	29	34	1850	364	407
1 x 150 RM / 25	14.327,30	--	1795	30	35	2200	405	460
1 x 185 RM / 25	16.618,00	--	2145	32	37	2600	457	527
1 x 240 RM / 25	20.078,80	--	2695	34	39	3150	528	621
1 x 300 RM / 25	23.773,80	--	3295	36	40	3750	593	709
1 x 400 RM / 35	30.497,60	--	4410	40	45	4650	665	815
1 x 500 RM / 35	38.779,70	--	5410	43	48	5750	739	921
NA2XSY 6/10 KV								
1 x 35 RM / 16	6.535,10	103	190	23	28	700	144	164
1 x 50 RM / 16	7.093,70	147	190	24	29	750	171	181
1 x 70 RM / 16	8.000,00	206	190	26	31	850	209	226
1 x 95 RM / 16	9.074,20	279	190	27	32	950	249	275
1 x 120 RM / 16	10.251,70	353	190	29	34	1050	283	317
1 x 150 RM / 25	11.593,50	441	295	30	35	1300	316	359
1 x 185 RM / 25	13.072,90	544	295	32	37	1400	358	412
1 x 240 RM / 25	15.230,00	706	295	34	39	1650	416	489
1 x 300 RM / 25	17.480,50	882	295	36	40	1850	469	559
1 x 400 RM / 35	22.217,10	1176	410	40	45	2300	532	651

* trefoil touching arrangement

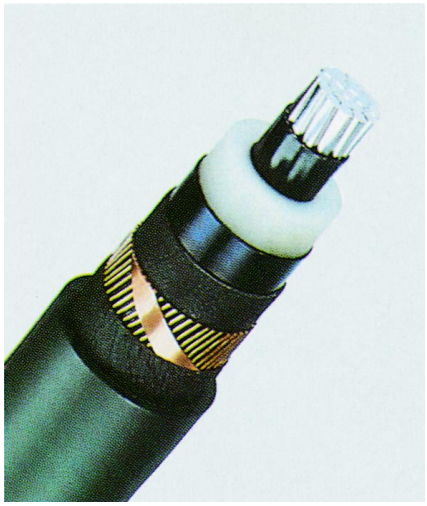
Number of cores and nominal cross section	Price	Aluminium figure	Copper figure	Overall diameter min. value	Overall diameter max. value	Weight ca.	Current carrying * capacity ground	Current carrying * capacity air
mm²	EUR / km	kg / km	kg / km	ca. mm		kg / km	A	
N2XSY 12/20 KV								
1 x 35 RM / 16	10.451,80	--	540	27	32	1100	189	199
1 x 50 RM / 16	11.295,90	--	690	28	33	1250	223	238
1 x 70 RM / 16	17.048,70	--	890	30	35	1450	273	296
1 x 95 RM / 16	14.771,10	--	1140	31	36	1750	325	358
1 x 120 RM / 16	17.048,70	--	1390	33	38	2050	368	412
1 x 150 RM / 25	19.464,40	--	1795	34	39	2400	410	466
1 x 185 RM / 25	22.259,20	--	2145	36	41	2800	463	532
1 x 240 RM / 25	25.295,30	--	2695	39	44	3400	534	627
1 x 300 RM / 25	28.818,90	--	3295	41	46	4000	601	715
1 x 400 RM / 35	34.119,20	--	4410	44	49	4950	674	819
1 x 500 RM / 35	45.180,50		5410	47	52	6050	750	927
NA2XSY 12/20 KV								
1 x 50 RM / 16	9.738,00	147	190	28	33	950	173	184
1 x 70 RM / 16	10.443,00	206	190	30	35	1050	211	229
1 x 95 RM / 16	11.411,00	279	190	31	36	1150	252	278
1 x 120 RM / 16	12.530,20	353	190	33	38	1300	287	320
1 x 150 RM / 25	13.935,00	441	295	34	39	1500	320	363
1 x 185 RM / 25	15.660,70	544	295	36	41	1650	362	415
1 x 240 RM / 25	17.723,60	706	295	39	44	1850	421	493
1 x 300 RM / 25	20.410,50	882	295	41	46	2100	474	563
1 x 400 RM / 35	26.059,30	1176	410	44	49	2550	538	652
N2XSY 18/30 KV								
1 x 50 RM / 16	15.867,50	--	690	33	38	1450	226	241
1 x 70 RM / 16	17.248,70	--	890	35	40	1700	276	299
1 x 95 RM / 16	18.983,80	--	1140	36	41	2050	329	362
1 x 120 RM / 16	20.903,50	--	1390	38	43	2300	373	416
1 x 150 RM / 25	23.148,70	--	1795	39	44	2700	415	469
1 x 185 RM / 25	25.879,40	--	2145	41	46	3100	468	536
1 x 240 RM / 25	29.060,00	--	2695	43	48	3700	541	630
1 x 300 RM / 25	32.544,60	--	3295	46	51	4350	608	717
1 x 400 RM / 35	37.586,20	--	4410	49	54	5300	684	823
1 x 500 RM / 35	50.363,50	--	5410	52	57	6450	762	929
NA2XSY 18/30 KV								
1 x 50 RM / 16	13.858,10	147	190	33	38	1150	175	187
1 x 70 RM / 16	14.472,50	206	190	35	40	1300	214	232
1 x 95 RM / 16	15.516,00	279	190	36	41	1450	256	281
1 x 120 RM / 16	16.805,00	353	190	38	43	1550	290	323
1 x 150 RM / 25	18.278,10	441	295	39	44	1800	324	365
1 x 185 RM / 25	19.998,50	544	295	41	46	1950	366	418
1 x 240 RM / 25	21.866,30	706	295	43	48	2200	426	494
1 x 300 RM / 25	23.836,10	882	295	46	51	2450	479	564
1 x 400 RM / 35	26.511,20	1176	410	49	54	2900	545	654

* trefoil touching arrangement

N2XS2Y (E-2XHC2Y)
NA2XS2Y (E-A2XHC2Y)

XLPE Insulated Single-Core Cable with PE Outer Sheath

according to DIN VDE 0276-620 / ÖVE - K620



Construction
Conductor of stranded bare copper or aluminium wires, inner layer of semi-conducting material, insulation of cross-linked polyethylene (XLPE), outer layer of semi-conducting material, conducting tape, copper wires and copper tape applied helically, separator tape, black polyethylene outer sheath with normalised marking and meter marking.

Application
To be laid directly in ground, outdoors, indoors and in cable ducts.

Temperature range
- 20°C till + 80°C
Admissible conductor temperature + 90°C
Admissible short circuit temperature + 250°C
(for the duration of max. 5 s)

Number of cores and nominal cross section	Price	Aluminium figure	Copper figure	Overall diameter min. value	Overall diameter max. value	Weight ca.	Current carrying * capacity ground	Current carrying * capacity air
mm²	EUR / km	kg / km	kg / km	ca. mm		kg / km	A	
N2XS2Y 6/10 KV								
1 x 35 RM / 16	6.821,30	--	540	23	28	800	187	195
1 x 50 RM / 16	7.466,40	--	690	24	29	950	220	234
1 x 70 RM / 16	8.693,30	--	890	26	31	1150	269	292
1 x 95 RM / 16	10.275,60	--	1140	27	32	1450	321	354
1 x 120 RM / 16	12.191,00	--	1390	29	34	1700	364	407
1 x 150 RM / 25	14.327,30	--	1795	30	35	2050	405	460
1 x 185 RM / 25	16.618,00	--	2145	32	37	2450	457	527
1 x 240 RM / 25	20.078,80	--	2695	34	39	3000	528	621
1 x 300 RM / 25	23.773,80	--	3295	36	40	3600	593	709
1 x 400 RM / 35	30.497,60	--	4410	40	45	4500	665	815
1 x 500 RM / 35	38.779,70	--	5410	43	48	5550	739	921
NA2XS2Y 6/10 KV								
1 x 35 RM / 16	6.535,10	103	190	23	28	600	144	151
1 x 50 RM / 16	7.093,70	147	190	24	29	650	171	181
1 x 70 RM / 16	8.000,00	206	190	26	31	750	209	226
1 x 95 RM / 16	9.074,20	279	190	27	32	850	249	275
1 x 120 RM / 16	10.251,70	353	190	29	34	950	283	317
1 x 150 RM / 25	11.593,50	441	295	30	35	1150	316	359
1 x 185 RM / 25	13.072,90	544	295	32	37	1300	358	412
1 x 240 RM / 25	15.230,00	706	295	34	39	1500	416	489
1 x 300 RM / 25	17.480,50	882	295	36	40	1700	469	559
1 x 400 RM / 35	22.217,10	1176	410	40	45	2100	532	651

* trefoil touching arrangement

Number of cores and nominal cross section	Price	Aluminium figure	Copper figure	Overall diameter min. value	Overall diameter max. value	Weight ca.	Current carrying * capacity ground	Current carrying * capacity air
mm²	EUR / km	kg / km	kg / km	ca. mm		kg / km	A	
N2XS2Y 12/20 KV								
1 x 35 RM / 16	10.451,80	--	540	27	32	950	189	199
1 x 50 RM / 16	11.295,90	--	690	28	33	1100	223	238
1 x 70 RM / 16	12.801,40	--	890	30	35	1350	273	296
1 x 95 RM / 16	14.771,10	--	1140	31	36	1650	325	358
1 x 120 RM / 16	17.048,70	--	1390	33	38	1900	368	412
1 x 150 RM / 25	19.464,40	--	1795	34	39	2300	410	466
1 x 185 RM / 25	22.259,20	--	2145	36	41	2650	463	532
1 x 240 RM / 25	25.295,30	--	2695	39	44	3250	534	627
1 x 300 RM / 25	28.818,90	--	3295	41	46	3850	601	715
1 x 400 RM / 35	34.119,20	--	4410	44	49	4750	674	819
1 x 500 RM / 35	45.180,50	--	5410	47	52	5850	750	927
NA2XS2Y 12/20 KV								
1 x 50 RM / 16	9.738,00	147	190	28	33	800	173	184
1 x 70 RM / 16	10.443,00	206	190	30	35	900	211	229
1 x 95 RM / 16	11.411,00	279	190	31	36	1050	252	278
1 x 120 RM / 16	12.530,20	353	190	33	38	1150	287	320
1 x 150 RM / 25	13.935,00	441	295	34	39	1350	320	363
1 x 185 RM / 25	15.660,70	544	295	36	41	1500	362	415
1 x 240 RM / 25	17.723,60	706	295	39	44	1700	421	493
1 x 300 RM / 25	20.410,50	882	295	41	46	1950	474	563
1 x 400 RM / 35	26.059,30	1176	410	44	49	2350	538	652
N2XS2Y 18/30 KV								
1 x 50 RM / 16	15.867,50	--	690	33	38	1350	226	241
1 x 70 RM / 16	17.248,70	--	890	35	40	1550	276	299
1 x 95 RM / 16	18.983,80	--	1140	36	41	1900	329	362
1 x 120 RM / 16	20.903,50	--	1390	38	43	2150	373	416
1 x 150 RM / 25	23.148,70	--	1795	39	44	2550	415	469
1 x 185 RM / 25	25.879,40	--	2145	41	46	2950	468	536
1 x 240 RM / 25	29.060,00	--	2695	43	48	3500	541	630
1 x 300 RM / 25	32.544,60	--	3295	46	51	4150	608	717
1 x 400 RM / 35	37.586,20	--	4410	49	54	5050	684	823
1 x 500 RM / 35	50.363,50	--	5410	52	57	6200	762	929
NA2XS2Y 18/30 KV								
1 x 50 RM / 16	13.858,10	147	190	33	38	1050	175	187
1 x 70 RM / 16	14.472,50	206	190	35	40	1150	214	232
1 x 95 RM / 16	15.516,00	279	190	36	41	1250	256	281
1 x 120 RM / 16	16.805,00	353	190	38	43	1400	290	323
1 x 150 RM / 25	18.278,10	441	295	39	44	1600	324	365
1 x 185 RM / 25	19.998,50	544	295	41	46	1750	366	418
1 x 240 RM / 25	21.866,30	706	295	43	48	2000	426	494
1 x 300 RM / 25	23.836,10	882	295	46	51	2250	479	564
1 x 400 RM / 35	26.511,20	1176	410	49	54	2700	545	654

* trefoil touching arrangement

N2XS(F)2Y (E-2XHCJ2Y)
NA2XS(F)2Y (E-A2XHCJ2Y)

Single-Core XLPE Insulated Cable with PE Outer Sheath, longitudinally watertight

according to DIN VDE 0276-620 / ÖVE - K620

Construction
Conductor of stranded bare copper or aluminium wires, inner layer of semi-conducting material, insulation of cross-linked polyethylene (XLPE), screen of semi-conducting compound, semi-conducting swellable tape, screen of copper wires and anti-twist tape, black polyethylene outer sheath, with normalised marking and meter marking.

Application
To be laid direct in ground, outdoors, indoors and in cable ducts.

Temperature range
- 20°C till + 80°C
Admissible conductor temperature + 90°C
Admissible short circuit temperature + 250°C
(for the duration of max. 5 s)

Number of cores and nominal cross section	Price	Aluminium figure	Copper figure	Overall diameter min. value	Overall diameter max. value	Weight ca.	Current carrying * capacity ground	Current carrying * capacity air
mm²	EUR / km	kg / km	kg / km	ca. mm		kg / km	A	
N2XS(F)2Y 6/10 KV								
1 x 50 RM / 16	9.458,70	--	690	24	29	950	220	234
1 x 70 RM / 16	10.729,40	--	890	26	31	1150	269	292
1 x 95 RM / 16	12.375,30	--	1140	27	32	1450	321	354
1 x 120 RM / 16	14.356,00	--	1390	29	34	1700	364	407
1 x 150 RM / 25	16.569,60	--	1795	30	35	2050	405	460
1 x 185 RM / 25	18.969,70	--	2145	32	37	2450	457	527
1 x 240 RM / 25	22.594,50	--	2695	34	39	3000	528	621
1 x 300 RM / 25	26.474,20	--	3295	36	41	3600	593	709
1 x 400 RM / 35	33.487,70	--	4410	40	45	4500	665	815
1 x 500 RM / 35	42.078,50	--	5410	43	48	5550	739	921
NA2XS(F)2Y 6/10 KV								
1 x 35 RM / 16	8.477,00	103	190	23	28	600	144	151
1 x 50 RM / 16	9.067,60	147	190	24	29	670	171	181
1 x 70 RM / 16	10.017,30	206	190	26	31	770	209	226
1 x 95 RM / 16	11.154,50	279	190	27	32	880	249	275
1 x 120 RM / 16	12.396,70	353	190	29	34	950	283	317
1 x 150 RM / 25	**13.815,10**	441	295	30	35	1150	316	359
1 x 185 RM / 25	**15.402,80**	544	295	32	37	1250	358	412
1 x 240 RM / 25	**17.722,50**	706	295	34	39	1500	416	489
1 x 300 RM / 25	20.155,80	882	295	36	41	1700	469	559
1 x 400 RM / 35	25.179,40	1176	410	40	45	2100	532	651
1 x 500 RM / 35	32.767,40	1470	410	43	48	2450	602	767

* trefoil touching arrangement

Number of cores and nominal cross section	Price	Aluminium figure	Copper figure	Overall diameter min. value	Overall diameter max. value	Weight ca.	Current carrying * capacity ground	Current carrying * capacity air
mm²	EUR / km	kg / km	kg / km	ca. mm		kg / km	A	
N2XS(F)2Y 12/20 KV								
1 x 35 RM / 16	12.649,00	--	540	27	32	950	189	199
1 x 50 RM / 16	13.522,30	--	690	28	33	1100	223	238
1 x 70 RM / 16	15.079,40	--	890	30	35	1350	273	296
1 x 95 RM / 16	17.105,40	--	1140	31	36	1650	325	358
1 x 120 RM / 16	19.451,10	--	1390	33	38	1900	368	412
1 x 150 RM / 25	21.952,80	--	1795	34	39	2300	410	466
1 x 185 RM / 25	24.855,60	--	2145	36	41	2650	463	532
1 x 240 RM / 25	28.053,30	--	2695	39	44	3250	534	627
1 x 300 RM / 25	31.768,20	--	3295	41	46	3850	601	715
1 x 400 RM / 35	37.373,50	--	4410	44	49	4750	674	819
1 x 500 RM / 35	48.748,60	--	5410	47	52	5850	750	927
NA2XS(F)2Y 12/20 KV								
1 x 50 RM / 16	11.943,60	147	190	28	33	820	173	184
1 x 70 RM / 16	12.699,90	206	190	30	35	930	211	229
1 x 95 RM / 16	**13.723,70**	279	190	31	36	1050	252	278
1 x 120 RM / 16	14.910,20	353	190	33	38	1150	287	320
1 x 150 RM / 25	**16.400,70**	441	295	34	39	1350	320	363
1 x 185 RM / 25	18.232,80	544	295	36	41	1500	362	415
1 x 240 RM / 25	**20.456,30**	706	295	39	44	1750	421	493
1 x 300 RM / 25	23.332,40	882	295	41	46	2000	474	563
1 x 400 RM / 35	29.283,40	1176	410	44	49	2350	538	652
1 x 500 RM / 35	41.081,80	1470	410	47	52	2800	609	766
N2XS(F)2Y 18/30 KV								
1 x 120 RM / 16	23.618,30	--	1390	38	43	2150	373	416
1 x 150 RM / 25	25.944,70	--	1795	39	44	2550	415	469
1 x 185 RM / 25	28.781,50	--	2145	41	46	2950	468	536
1 x 240 RM / 25	32.125,60	--	2695	43	48	3500	541	630
1 x 300 RM / 25	35.798,80	--	3295	46	51	4150	608	717
1 x 400 RM / 35	41.157,40	--	4410	49	54	5050	684	823
1 x 500 RM / 35	54.311,60	--	5410	52	57	6200	762	929
NA2XS(F)2Y 18/30 KV								
1 x 50 RM / 16	16.376,90	147	190	33	38	1100	175	187
1 x 70 RM / 16	17.049,40	206	190	35	40	1200	214	232
1 x 95 RM / 16	**18.137,90**	279	190	36	41	1350	256	281
1 x 120 RM / 16	19.494,80	353	190	38	43	1450	290	323
1 x 150 RM / 25	21.048,00	441	295	39	44	1700	324	365
1 x 185 RM / 25	22.873,60	544	295	41	46	1850	366	418
1 x 240 RM / 25	**24.903,40**	706	295	43	48	2050	426	494
1 x 300 RM / 25	27.060,20	882	295	46	51	2350	479	564
1 x 400 RM / 35	33.960,70	1176	410	49	54	2800	545	654
1 x 500 RM / 35	47.647,20	1470	410	52	57	3200	616	764

* trefoil touching arrangement