

TECHNICAL INFORMATION



Fire-technical characteristics tests record

Fire-technical lab as an accredited test shop no. 1007.7 reported these records for below-stated materials:

Testing method for determination of total heating value (PCS): ČSN EN ISO 1716						
Report no.	Material	Measured values			Results	Extended uncertainty
		1st measurement	2nd measurement	3rd measurement		
12274	PVC stabilized by Pb	17,584	17,540	17,594	17,57	0,07
12275	PVC stabilized by CaZn	18,125	18,104	18,182	18,14	0,09
12276	PE - liten	46,377	46,432	46,414	46,41	0,07
12277	PE - box bodies 8130, 8135, steel pipes bushings	44,889	44,867	44,866	44,87	0,03
12278	PP - concrete program	27,546	27,508	27,606	27,55	0,12
12279	PP - box covers 8130, 8135	41,685	41,696	41,689	41,69	0,02
12280	PPO/PPE	35,086	35,120	35,150	35,12	0,08

PROTOKOL L 1216
o výsledcích požárního testování charakteristik

Č. j. PV. 4384 **Průběh testu prováděný 1**

ZADAVATEL KOPUS KULDA s.r.l., I. Štefánikova 432, 380 04 Kolda (CZ)

PŘEDMĚT ZKOUŠENÍ
Materiál: PVC – materiál pro výrobu střešních materiálů (tl, lameli, listy, rolety a jiné příslušenství) (přibližná provedení PVC)
Název: PVC – materiál pro výrobu střešních materiálů (tl, lameli, listy, rolety a jiné příslušenství)
Výběr: PVC, příslušenství – materiál pro výrobu střešních materiálů (tl, lameli, listy, rolety a jiné příslušenství) (přibližná provedení PVC)

Průběh testu: 25. 4. 2004 **Období vyhodnocení:** Vzhledem k tomu, že

Průběh testu: 25. 4. 2004 **Období vyhodnocení:** Vzhledem k tomu, že

POŽÁRNÍ VLASTNOSTI A VÝSLEDKY ZKOUŠENÍ:

Výsledek číslo:	1	2	3	4	5	průměr
ΔT_1 [°C]	-8	-18	-18	-21	-17	-18,8
ΔT_2 [°C]	-7	-1	-2	-1	-11	-5,8
ΔT_{max} [°C]	78	82	80	81	86	81,6
T_{max} [min]	14	16	11	16	14	14,2

$Q = 17,57 \pm 0,07$

Závěr:
Podle výsledků testování Q je "PVC" materiál pro výrobu střešních materiálů (tl, lameli, listy, rolety a jiné příslušenství) (přibližná provedení PVC) určen k použití.

– zkušební středisko –

Průběh testování: 25. 4. 2004

PROTOKOL L 1216
o výsledcích požárního testování charakteristik

Č. j. PV. 4382 **Průběh testu prováděný 1**

ZADAVATEL KOPUS KULDA s.r.l., I. Štefánikova 432, 380 04 Kolda (CZ)

PŘEDMĚT ZKOUŠENÍ
Materiál: PVC – materiál pro výrobu střešních materiálů (tl, lameli, listy, rolety a jiné příslušenství)
Název: PVC – materiál pro výrobu střešních materiálů (tl, lameli, listy, rolety a jiné příslušenství)
Výběr: PVC, příslušenství – materiál pro výrobu střešních materiálů (tl, lameli, listy, rolety a jiné příslušenství) (přibližná provedení PVC)

Průběh testu: 25. 4. 2004 **Období vyhodnocení:** Vzhledem k tomu, že

Průběh testu: 25. 4. 2004 **Období vyhodnocení:** Vzhledem k tomu, že

POŽÁRNÍ VLASTNOSTI A VÝSLEDKY ZKOUŠENÍ:

Výsledek číslo:	1	2	3	4	5	průměr
ΔT_1 [°C]	25,5	25,5	25,5	25,5	25,5	25,5
ΔT_2 [°C]	6	6	7	7	7	6
ΔT_{max} [°C]	9	9	9	9	9	9
T_{max} [min]	17	17	17	17	17	17

$Q = 18,14$

Závěr:
Podle výsledků testování Q je "PVC" materiál pro výrobu střešních materiálů (tl, lameli, listy, rolety a jiné příslušenství) (přibližná provedení PVC) určen k použití.

– zkušební středisko –

Průběh testování: 25. 4. 2004

PROTOKOL L 1216
o výsledcích požárního testování charakteristik

Č. j. PV. 4384 **Průběh testu prováděný 1**

ZADAVATEL KOPUS KULDA s.r.l., I. Štefánikova 432, 380 04 Kolda (CZ)

PŘEDMĚT ZKOUŠENÍ
Materiál: PVC – materiál pro výrobu střešních materiálů (tl, lameli, listy, rolety a jiné příslušenství) (přibližná provedení PVC)
Název: PVC – materiál pro výrobu střešních materiálů (tl, lameli, listy, rolety a jiné příslušenství)
Výběr: PVC, příslušenství – materiál pro výrobu střešních materiálů (tl, lameli, listy, rolety a jiné příslušenství) (přibližná provedení PVC)

Průběh testu: 25. 4. 2004 **Období vyhodnocení:** Vzhledem k tomu, že

Průběh testu: 25. 4. 2004 **Období vyhodnocení:** Vzhledem k tomu, že

POŽÁRNÍ VLASTNOSTI A VÝSLEDKY ZKOUŠENÍ:

Výsledek číslo:	1	2	3	4	5	průměr
ΔT_1 [°C]	-8	-18	-18	-21	-17	-18,8
ΔT_2 [°C]	-7	-1	-2	-1	-11	-5,8
ΔT_{max} [°C]	78	82	80	81	86	81,6
T_{max} [min]	14	16	11	16	14	14,2

$Q = 17,57 \pm 0,07$

Závěr:
Podle výsledků testování Q je "PVC" materiál pro výrobu střešních materiálů (tl, lameli, listy, rolety a jiné příslušenství) (přibližná provedení PVC) určen k použití.

– zkušební středisko –

Průběh testování: 25. 4. 2004

ČSN 33 2312, addition Z1 provides a conversion method from flammability classes requirements to fire reaction classes for construction products except for floor covering.	
Fire reaction class (according to ČSN EN 13501-1)	Flammability class (according to formerly used ČSN 73 0862)
A1	A
A2	B
B	C1
C or D	C2
E or F	C3

Incombustible construction materials – class A

E.g. stone, shale, sandstone, granite, concrete, bricks, tiles, ceramic tiling, mortars, cement renderings, hard plasters, Perlit, construction metals (steel, aluminum), glass, molten basalt, Porfix, Dupronit A, Dupronit B, Ezalit B, Ezalit C, mineral-fiber panels (Kolvit), basaltic felt, B-type mineral fiber, glass-fiber panels (Araver), pressed and non-pressed Cemballit, Cemavin, pressed and non-pressed lignate panels, Unicel, Dexamin-type poured polyester floor covering, special parget materials and fire-stopping paintings.

There are four classes of construction materials and combustible underlying materials:

Class B materials – heavy fuels

E.g. Akumin, Izomin, Heraklit, Lignos, Rajolit, Velox, non-softened PVC (Novodur, Durofol B), sturdy PVC (Duroplast H, Dekorplast), polyester retarded fiberglass (retardant Dexamin into material or gel-coating layer), mineral-fiber panels (basaltic felt), Rotizol, fiberglass panels (Itaver), glass knotty mat, glass sewn mat, plaster panels.

Class C1 materials – hardly inflammable

E.g. hardwoods (oak, beech), Hobrex panels, Sirkolit, Werzalit, Bromkalem-retarded polystyrene, hardened paper (Formica, Ecrona), organic-fiber felt haired panels, foil floor covering PVC Sloviplast VP-1 P, Regina, poured polyester laminate floor covering (Fortit), common-use waterproof plywood, construction waterproof plywood.

Class C2 materials – medium inflammable

E.g. softwoods (spruce, fir, pine, larch), common-use chip boards, Piloplat, wood-fiber boards Duplex, Solodur, SP-type cork boards, cork parquet, scutch boards (Orlen), Izolit foil floor covering, Industriál rubber floor covering, Super floor covering, Raltex floor fabric, Kasak special, Krylan, Final, Tumir ex, pasteboard with Bitalbit animal binder.

Class C3 materials – flash fuels

Laminate chip boards, particle boards, Pilolamit, wood-fiber boards Akulit, Bukolit, Bukolamit, Hobra, Sololak, Sololit, BA-type cork boards, linear polyethylene, expanded polyethylene, organic glass (Akrylon, Umaplex), Polypropylén, Polystyrén (sturdy, expanded, standard). Polyurethane – expanded, softened (Molitan), rigid, standard, expanded PVC (Technopor), rubber isolation foil, standard glass polyester laminate, Sip and Intersip needled isolation fabric, designed rubber floor covering, rubber isolation carpet for electronics, synthetic nap textured floor fabric (Bergamo), sewn-in (Kovral, Porto, Kasalin, Kurgan, Rekos, Palas, Taklon, Tanur, Tamir, Velen, Velvex, Syntetik needled fabric, Jekor standard, Riga extra), pasteboards and animal binder materials, S-type tar band with pasteboard insert, IPA, Esterbit S.

Flammability classification of construction materials herein stated is in compliance with ČSN 73 0823 (1983) "Flammability class of construction materials". Flammability tests are performed using test method in compliance with ČSN 73 0862 "Setting flammability class of construction materials" (1980).

Particular construction materials were evaluated and classified so far in compliance with ČSN 73 0862 "Setting flammability class of construction materials". This standard has been valid through 31.12.2003, however to be able to continually evaluate materials, this standard is still used within project standards, as well as the ČSN 73 0823 value standard, till 31st December 2007.

This standard provides above stated classification.

Starting from 1st July 2003, new way of flammability classification is valid in the Czech republic called "Fire reaction" that is defined in ČSN EN 13501-1 classification standard.

The standard ČSN 33 2312:85 "Electrical regulations. Electrical equipment in flammable substances and thereon" enables to use both markings according to the conversion table in relation to flammability of construction materials. Provision of this standard was cancelled as of October 1, 2007 for boxes in relation to the standard ČSN EN 60 670-1, i.e. validity of the standard ČSN 33 2312:85 was terminated for wiring boxes, however, it continues to apply to wiring trunkings and pipes.

Validity of the standard ČSN 37 0100 "Wiring boxes" was terminated as of October 1, 2007. It is substituted by standard ČSN EN 60 670-1 "Boxes and covers for electric accessories for house and other similar fixed electrical installations".

Protection types - IP classification

Protection levels against contact with dangerous parts are indicated by the complementary code in the form of a letter.

The letter added after the second digit of the IP designation indicates the protection level of persons against contact with dangerous parts, e.g. IP 10B.

These letters are used only in the following cases:

* if the actual protection against contact with dangerous parts is higher than that indicated by the first characteristic digit

* if only protection against contact with dangerous parts is specified, the first characteristic digit is then replaced by an X

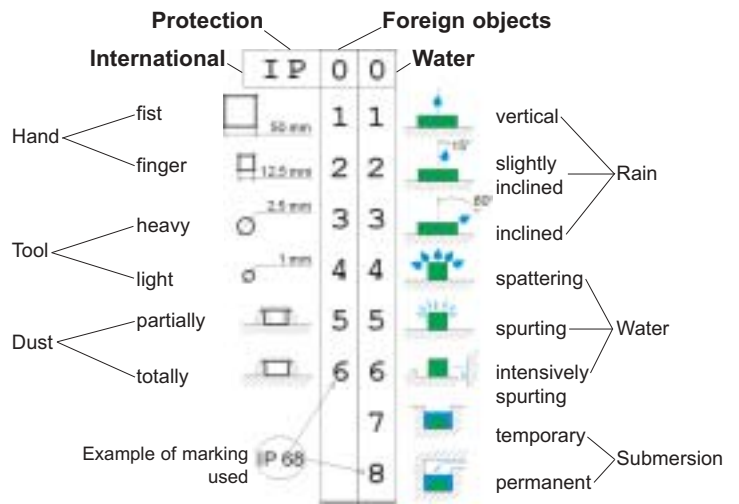
This higher protection level can be ensured by barriers, spacings inside the housing or suitable shape of the openings.

A - Protected against contact with the back of the hand

B - Protected against contact with fingers

C - Protected against contact with tools

D - Protected against contact with wires



Chemical resistance of wiring trunkings, conduits and accessories made of hard PVC, PE, PA, PS, PP and PPE

Key:

: These materials are resistant to chemical damage under normal installation conditions

o : The resistance of these materials to chemical damage is limited

x : These materials are not resistant to chemical damage under specified conditions

Abbreviations PVC - polyvinylchloride, PE - polyethylene, PA - polyamide, PS - polystyrene, PP - polypropylene, PPE (PPO) - polyphenylenether (polyphenyl oxid)

chemicals	conc. in %	°C	PVC	PE	PA	PS	PP	PPE (PPO)
Aceton		20	X	#	#	X	#	X
Anilin		60	O	X	O	X	X	O
Benzene		20	X	O	#	X	O	X
Distilled water		20	#	#	#	#	#	#
Ethanol	50	20	#	#	#	O	#	#
Phenol solution	5	50	O	O	X	X	X	X
Sodium hydroxide	60	50	#	#	#	#	#	#
Chlorinated hydrocarbons			X	X	#	X	X	X
Hydrofluoric acid	40	20	#	#	X	X	#	O
Hydrochloric acid	36	20	O	O	X	O	O	O
Chromic acid	20		O	O	X	O	O	O
Acetic acid	5	20	#	#	X	#	#	O
Sulfuric acid	96	20	#	#	X	#	#	O
Sulfuric acid	30	20	#	#	X	#	#	O
Medicinal oil			#	#	#	#	#	X
Methanol			#	#	#	X	#	#
Olive oil			#	#	#	#	#	X
Petroleum			#	#	#	#	#	X
Hydrogen peroxide	20	20	#	#	O	O	#	O
Tetrachlorocarbon			X	X	X	X	X	X
Transformer oil		20	#	#	#	#	#	X
Sodium carbonate			#	#	#	#	#	#

PPE (PPO) - in contact with fat, grease and oil the material degradation occurs (it becomes fragile and is cracking).

Classification of wiring pipes according to EN 50 086 (EN 61 386)

The four digit code classifies the conduits and their accessories according to compressive strength, impact strength, minimum and maximum admissible installation temperature.

first digit		second digit		third digit		fourth digit	
compressive strength		impact strength		lowest admissible temperature		highest admissible temperature	
1	very low 125 N	1	very low 0,5 J	1	+ 5 °C	1	+ 60 °C
2	low 320 N	2	low 1 J	2	- 5 °C	2	+ 90 °C
3	medium 750 N	3	medium 2 J	3	- 15 °C	3	+105 °C
4	high 1250 N	4	high 6 J	4	- 25 °C	4	+120 °C
5	very high 4000 N	5	very high 2,4 J	5	- 45 °C	5	+150 °C
						6	+250 °C
						7	+400 °C

Pipes: KOPOS type 1516E - 1563 IEC 225 EN 2241 (320 N) PVC
 KOPOS type 4016E - 4063 IEC 325 EN 3341 (750 N) PVC
 KOPOS type 8016E - 8063 IEC 425 EN 4441 (1250 N) PVC

Classification of wiring pipes according to IEC 614

The three digit code classifies conduits and their accessories according to compressive and impact strengths, minimum and maximum transport temperature, storage, installation and highest admissible permanent temperature.

first digit		second and third digit			
compressive and impact strengths			minimum admissible temperature		maximum admissible permanent temperature
			storage and transport	installation and utilization	
1	very low 125 N	05	- 5 °C	- 5 °C	+ 60 °C
2	low 320 N	25	- 25 °C	- 25 °C	+ 60 °C
3	medium 750 N	45	- 45 °C	- 45 °C	+ 60 °C
4	high 1250 N	90	- 5 °C	- 5 °C	+ 60 °C (+ 90 °C)
5	very high 4000 N	95	- 25 °C	- 25 °C	+ 90 °C
		99	- 5 °C	- 5 °C	+ 90 °C

Pipes: KOPOS type 1516E - 1563 IEC 225 EN 2241 (320 N) PVC
 KOPOS type 4016E - 4063 IEC 325 EN 3341 (750 N) PVC
 KOPOS type 8016E - 8063 IEC 425 EN 4441 (1250 N) PVC

Flame-spread resistance (Self-snuffing ability):

Flame-spread resistant products cannot flash or if they flash, they cannot further burn, when a source of flame is removed. The test is performed with exactly specified source of flame.

Tested sample passed the test, if:

- it didn't flash
- in case of flash the flame or glow expires within 30 s after the test source of flame is removed, the packing paper didn't flash and the board under tested sample isn't charred.

Excess heat and combustion resistance:

Parts of isolation material that could be subject of heat stress caused by electrical effects and that could break safety are not allowed to be affected too much by excessive heat and combustion. The test is performed using flaming loop.

Tested sample passed the flaming loop test, if:

- no flame or lasting glow is visible
- flames and glow on tested sample expire within 30 s after the flaming loop is removed
- the silk paper didn't flash and the board under tested sample isn't charred

Heat resistance:

Isolation material parts necessary for fixing power current parts and/or protective circuit parts in their position are subject of steel ball compression test.

Tested sample passed the test, if the impress diameter caused by the ball doesn't exceed given size under given temperature.

Returnable packages



IP1 - pipe pallet

Dimension: 120 x 63 cm
EAN: 8595057687660



IP10 - metal pallet

Dimension: 180 x 120 cm
EAN: 8595057688230



IP2 - metal box

Dimension: 120 x 80 x 60 cm
EAN: 8595057687653



IP3-1 - wooden pallet

Dimension: 120 x 80 cm
EAN: 8595057687684



IP3-2 - wooden pallet

Dimension: 120 x 100 cm
EAN: 8595057687691



IP3-3 - wooden pallet

Dimension: 160 x 240 cm
EAN: 8595057687677



PR PAL - container

EAN: 8595057687752



PR - container 357-515

EAN: 8595057687745



IP4 - wooden base (+ IP1)

Dimension: 250 x 67 x 2,6 cm
EAN: 8595057687707

IP5 - wooden base (+ IP1)

Dimension: 300 x 65 x 2,6 cm
EAN: 8595057687714

IP7 - wooden base (+ IP1)

Dimension: 200 x 65 x 2,6 cm
EAN: 8595057687738



M6500 - drum M220

EAN: 8595057687769

Alphabetical product list with EAN codes

Type code	EAN	page	Type code	EAN	page	Type code	EAN	page
003.CS.K	8595057624658	23	08050/45	8595057614994	99	16063	8595057606623	99
005.CS.K	8595057624665	23	08050/90	8595057614918	99	16075	8595057606630	99
02040	F A 8595057612082	99	08063/45	8595057615007	99	16090	8595057609167	99
02050	F A 8595057613249	99	08063/90	8595057611641	99	1611	8595057629325	25
02063	F A 8595057650466	99	08075/45	8595057615014	99	1611	K B 8595057656710	25
02075	F A 8595057650473	99	08075/90	8595057614925	99	16110	8595057606647	99
02090	F A 8595057650480	99	08090/45	8595057615021	99	16120	8595057612174	99
02110	F A 8595057612075	99	08090/90	8595057608207	99	16125	8595057606654	99
02120	8595057629134	99	08110/45	8595057610514	99	16160	8595057609044	99
02125	8595057699946	99	08110/90	8595057608214	99	16175	8595057609181	99
02160	F A 8595057650497	99	08120/45	8595057615038	99	1618	8595057629332	25
0216E	F B 8595057618060	95	08120/90	8595057614932	99	1618	K B 8595057656727	25
0216E	H B 8595057643925	95	08125/45	8595057615045	99	16200	8595057612181	99
0216E	K B 8595057618183	95	08125/90	8595057614949	99	17040	8595057606661	99
0216E	L B 8595057618121	95	08160/45	8595057615052	99	17050	8595057606678	99
0216EHF	F B 8595057626508	96	08160/90	8595057614956	99	17063	8595057606685	99
0216EHF	K B 8595057631922	96	08175/45	8595057615069	99	17075	8595057606692	99
02175	8595057617421	99	08175/90	8595057614963	99	17090	8595057609204	99
0220	F B 8595057618077	95	08200/45	8595057615076	99	17110	8595057606708	99
0220	H B 8595057643932	95	08200/90	8595057614970	99	17120	8595057612198	99
0220	K B 8595057618190	95	1216E	8595057612914	89	17125	8595057606715	99
0220	L B 8595057618138	95	1216EHFPP	8595057621800	90	17160	8595057609228	99
02200	8595057617438	99	1220	8595057612921	89	17175	8595057609235	99
0220HF	F B 8595057626515	96	1220HFPP	8595057621817	90	17200	8595057610798	99
0220HF	K B 8595057631939	96	1225	8595057612938	89	2.9X13V	8595057619371	47
0225	F B 8595057618084	95	1225HFPP	8595057621824	90	2.9X13Z	8595057619388	47
0225	H B 8595057643949	95	1232	8595057612945	89	2.9X16	8595057619395	47
0225	K B 8595057618206	95	1232HFPP	8595057621831	90	2.9X22	8595057619401	47
0225	L B 8595057618145	95	1240	8595057612952	89	2313	8595057600317	89
0225HF	F B 8595057626270	96	1240HFPP	8595057621848	90	2313/LPE-2	8595057603646	92
0225HF	K B 8595057631946	96	1250	8595057612969	89	2316	8595057600331	89
0232	F B 8595057618091	95	1250HFPP	8595057621855	90	2316/LPE-1	8595057603707	92
0232	H B 8595057643956	95	1413/1	8595057600416	89	2316/LPE-2	8595057603653	92
0232	K B 8595057618213	95	1416/1	8595057600423	89	2316E	8595057615991	89
0232	L B 8595057618152	95	1416E	8595057616035	89	2316E/LPE-1	8595057651197	92
0232HF	F B 8595057626287	96	1416E D	8595057619753	89	2316E/LPE-2	8595057651210	92
0232HF	K B 8595057631953	96	1420	8595057616042	89	2320	8595057616004	89
0240	F B 8595057618107	95	1420 D	8595057619760	89	2320/LPE-1	8595057651234	92
0240	H B 8595057643963	95	1423/1	8595057600430	89	2320/LPE-2	8595057651258	92
0240	K B 8595057618220	95	1425	D 8595057619777	89	2323	8595057600355	89
0240	L B 8595057618169	95	1425	8595057616059	89	2323/LPE-1	8595057603714	92
0240HF	F B 8595057626522	96	1429/1	8595057600447	89	2323/LPE-2	8595057603660	92
0240HF	K B 8595057631960	96	1432	D 8595057619784	89	2325	8595057616011	89
0250	F B 8595057618176	95	1432	8595057616066	89	2325/LPE-1	8595057651272	92
0250	H B 8595057657359	95	1436/1	8595057600454	89	2325/LPE-2	8595057651296	92
0250	K B 8595057618114	95	1440	8595057619715	89	2329	8595057600379	89
0250	L B 8595057618237	95	1448/1	8595057600461	89	2329/LPE-1	8595057603721	92
0250HF	F B 8595057626539	96	1450	8595057619722	89	2329/LPE-2	8595057603677	92
0250HF	K B 8595057631977	96	1516E	H A 8595057619067	94	2332	8595057616028	89
0263	F B 8595057625884	95	1516E	K A 8595057617209	94	2332/LPE-1	8595057657380	92
0263	H B 8595057657366	95	1516EHF	F A 8595057626423	96	2332/LPE-2	8595057657397	92
0263	K B 8595057625860	95	1516EHF	K A 8595057631854	96	2336	8595057600386	89
0263	L B 8595057625877	95	1520	H A 8595057619074	94	2336/LPE-2	8595057603684	92
0263HF	F B 8595057629356	96	1520	K A 8595057616905	94	2340	8595057619692	89
0263HF	K B 8595057631984	96	1520HF	F A 8595057626430	96	2340/LPE-1	8595057688452	92
05030	8595057657335	97	1520HF	K A 8595057631861	96	2340/LPE-2	8595057688469	92
05031	8595057657342	97	1525	H A 8595057619081	94	2348	8595057600393	89
05040	8595057606821	97	1525	K A 8595057616912	94	2350	8595057619708	89
05041	8595057629271	97	1525HF	F A 8595057626966	96	30X16	8595057619418	47
05042	8595057635319	97	1525HF	K A 8595057631878	96	313/1	8595057604865	101
05050	8595057651579	97	1532	H A 8595057619098	94	313/2	8595057620094	102
05051	8595057651586	97	1532	K A 8595057616929	94	316/1	8595057604872	101
06032	A B 8595057657311	97	1532HF	F A 8595057626973	96	316/2	8595057620100	102
06032	A S 8595057657328	97	1532HF	K A 8595057631885	96	316E/1	8595057634640	101
06040	A B 8595057655393	97	1540	H A 8595057619104	94	316E/1 ZN	8595057634572	101
06040	A S 8595057655409	97	1540	K A 8595057616936	94	316E/2	8595057631427	102
06050	A B 8595057657298	97	1540HF	F A 8595057626447	96	316E/2 AL	8595057657878	103
06050	A S 8595057657304	97	1540HF	K A 8595057631892	96	316E/2 ZN	8595057634718	102
06110/2	C A 8595057651821	98	1550	H A 8595057619111	94	320/1	8595057634657	101
06110/2	B A 8595057651814	98	1550	K A 8595057617704	94	320/1 ZN	8595057634589	101
06160/2	C A 8595057651807	98	1550HF	F A 8595057626454	96	320/2	8595057631434	102
06160/2	B A 8595057651791	98	1550HF	K A 8595057631908	96	320/2 AL	8595057657885	103
07050/8	8595057615113	99	1563	H A 8595057657373	94	320/2 ZN	8595057634725	102
07063/8	8595057626225	99	1563	K A 8595057626317	94	321/1	8595057604889	101
07075/8	8595057622111	99	1563HF	F A 8595057631489	96	321/2	8595057620117	102
07090/8	8595057658035	99	1563HF	K A 8595057631915	96	325/1	8595057634664	101
07110/8	8595057610538	99	1601	8595057627222	25	325/1 ZN	8595057634596	101
07125/8	8595057635036	99	1601	K B 8595057656703	25	325/2	8595057631441	102
07160/8	8595057635050	99	16040	8595057606609	99	325/2 AL	8595057657892	103
07200/8	8595057658059	99	16050	8595057606616	99	325/2 ZN	8595057634732	102

Alphabetical product list with EAN codes

Type code	EAN	page	Type code	EAN	page	Type code	EAN	page
329/1	8595057604896	101	4813/P	8595057604926	102	5350	K B 8595057617933	95
329/2	8595057620124	102	4816/P	8595057604933	102	5350	L B 8595057617995	95
3313	8595057604230	93	4816E	8595057688575	102	5350HF	F B 8595057626577	96
3316	8595057604247	93	4820	8595057688582	102	5350HF	K B 8595057632769	96
332/1	8595057634671	101	4821/P	8595057604940	102	5363	F B 8595057657496	95
332/1 ZN	8595057634602	101	4825	8595057688599	102	5363	H B 8595057657502	95
332/2	8595057631458	102	4829/P	8595057604971	102	5363	K B 8595057657519	95
332/2 AL	8595057657908	103	4832	8595057688605	102	5363	L B 8595057657526	95
332/2 ZN	8595057634749	102	4836/P	8595057604988	102	5363HF	F B 8595057688759	96
3323	8595057604254	93	4840	8595057688612	102	5363HF	K B 8595057688742	96
3329	8595057604261	93	4842/P	8595057604995	102	5820/20	8595057605652	77
3336	8595057604278	93	4850	8595057688629	102	5820/21	8595057605664	77
3348	8595057604292	93	4863	8595057688636	102	5820/30	8595057605671	77
336/1	8595057604902	101	4913	8595057657236	102	5820/31	8595057605688	77
336/2	8595057620131	102	4916	8595057657243	102	5822 DER	8595057605640	77
340/1	8595057634688	101	4921	8595057657250	102	6013	8595057604308	100
340/1 ZN	8595057634619	101	4929	8595057657267	102	6013 N	8595057607491	100
340/2	8595057631465	102	4936	8595057657274	102	6013 ZN	8595057604360	100
340/2 AL	8595057657915	103	4942	8595057657281	102	6013 ZNM	8595057604377	100
340/2 ZN	8595057634756	102	5213 PC	8595057605008	109	6016	8595057604315	100
342/1	8595057604919	101	5216 PC	8595057605015	109	6016 N	8595057607507	100
342/2	8595057620148	102	5216E AL	8595057689725	103	6016 ZN	8595057604384	100
350/1	8595057634695	101	5220 AL	8595057689732	103	6016 ZNM	8595057604391	100
350/1 ZN	8595057634626	101	5220 PC	8595057631618	109	6016E	8595057634152	100
350/2	8595057631472	102	5220 PC ZN	8595057634794	109	6016E ZN	8595057631304	100
350/2 AL	8595057657922	103	5221 PC	8595057605022	109	6020	8595057634169	100
350/2 ZN	8595057634763	102	5225 AL	8595057689749	103	6020 ZN	8595057631311	100
3613 A	8595057604629	109	5225 PC	8595057631625	109	6021	8595057604322	100
3616 A	8595057604636	109	5225 PC ZN	8595057634800	109	6021 N	8595057607514	100
3623 A	8595057604643	109	5229 PC	8595057605039	109	6021 ZN	8595057604407	100
3629 A	8595057604650	109	5232 AL	8595057689756	103	6021 ZNM	8595057604414	100
363/1	8595057634701	101	5232 PC	8595057631632	109	6025	8595057634176	100
363/1 ZN	8595057634633	101	5232 PC ZN	8595057634817	109	6025 ZN	8595057631328	100
363/2 AL	8595057657939	103	5236 PC	8595057605046	109	6029	8595057604339	100
363/2 ZN	8595057634770	102	5240 AL	8595057689763	103	6029 N	8595057607521	100
3636 A	8595057604667	109	5240 PC	8595057631649	109	6029 ZN	8595057604421	100
3648 A	8595057604674	109	5240 PC ZN	8595057634824	109	6029 ZNM	8595057604438	100
4016E	L A 8595057617223	94	5242 PC	8595057605053	109	6032	8595057634183	100
4016EHF	F A 8595057688254	96	5245 AL	8595057689770	103	6032 ZN	8595057631335	100
4020	L A 8595057617018	94	5250 PC	8595057631656	109	6036	8595057604346	100
4020HF	F A 8595057688261	96	5250 PC ZN	8595057634831	109	6036 N	8595057607538	100
4025	L A 8595057616981	94	5263 AL	8595057689787	103	6036 ZN	8595057604445	100
4025HF	F A 8595057688278	96	5263 PC	8595057631663	109	6036 ZNM	8595057604452	100
4032	L A 8595057617001	94	5263 PC ZN	8595057634848	109	6040	8595057634190	100
4032HF	F A 8595057688285	96	5313	8595057603554	110	6040 ZN	8595057631342	100
4040	L A 8595057616998	94	5316	8595057603561	110	6042	8595057604353	100
4040HF	F A 8595057688292	96	5316E	F B 8595057619340	95	6042 N	8595057607545	100
4050	L A 8595057617728	94	5316E	H B 8595057643833	95	6042 ZN	8595057604469	100
4050HF	F A 8595057688308	96	5316E	K B 8595057619357	95	6042 ZNM	8595057604476	100
4063	L A 8595057626324	94	5316E	L B 8595057619364	95	6050	8595057634206	100
4063HF	F A 8595057688315	96	5316EHF	F B 8595057626546	96	6050 ZN	8595057631359	100
4116	F B 8595057617735	95	5316EHF	K B 8595057631809	96	6063	8595057634213	100
4116	H B 8595057643888	95	5320	F B 8595057618015	95	6063 ZN	8595057631595	100
4116	K B 8595057617834	95	5320	H B 8595057643840	95	6113	8595057604681	101
4116	L B 8595057617780	95	5320	K B 8595057617896	95	6113 ZN	8595057604698	101
4116HF	F B 8595057626461	96	5320	L B 8595057617957	95	6113 ZNM	8595057604704	101
4116HF	K B 8595057629288	96	5320HF	F B 8595057626553	96	6116	8595057604711	101
4120	F B 8595057617742	95	5320HF	K B 8595057631816	96	6116 ZN	8595057604728	101
4120	H B 8595057643895	95	5321	8595057603578	110	6116 ZNM	8595057604735	101
4120	K B 8595057617841	95	5325	F B 8595057618022	95	6116E	8595057634367	101
4120	L B 8595057617797	95	5325	H B 8595057643857	95	6116E ZN	8595057631366	101
4120HF	F B 8595057626478	96	5325	K B 8595057617902	95	6120	8595057634374	101
4120HF	K B 8595057629295	96	5325	L B 8595057617964	95	6120 ZN	8595057631373	101
4125	F B 8595057617759	95	5325HF	F B 8595057626294	96	6121	8595057604742	101
4125	H B 8595057643901	95	5325HF	K B 8595057631823	96	6121 ZN	8595057604759	101
4125	K B 8595057617858	95	5329	8595057603585	110	6121 ZNM	8595057604766	101
4125	L B 8595057617803	95	5332	F B 8595057618039	95	6125	8595057634381	101
4125HF	F B 8595057626256	96	5332	H B 8595057643864	95	6125 ZN	8595057631380	101
4125HF	K B 8595057629301	96	5332	K B 8595057617919	95	6129	8595057604773	101
4132	F B 8595057617322	95	5332	L B 8595057617971	95	6129 ZN	8595057604780	101
4132	H B 8595057643918	95	5332HF	F B 8595057626300	96	6129 ZNM	8595057604797	101
4132	K B 8595057617346	95	5332HF	K B 8595057631830	96	6132	8595057634398	101
4132	L B 8595057617339	95	5340	F B 8595057618046	95	6132 ZN	8595057631397	101
4132HF	F B 8595057626263	96	5340	H B 8595057643871	95	6136	8595057604803	101
4132HF	K B 8595057629318	96	5340	K B 8595057617926	95	6136 ZN	8595057604810	101
4140	F B 8595057617773	95	5340	L B 8595057617988	95	6136 ZNM	8595057604827	101
4140	H B 8595057650657	95	5340HF	F B 8595057626560	96	6140	8595057634404	101
4140	K B 8595057617865	95	5340HF	K B 8595057631847	96	6140 ZN	8595057631403	101
4140	L B 8595057617810	95	5350	F B 8595057618053	95	6142	8595057604834	101
4150	K B 8595057617872	95	5350	H B 8595057657045	95	6142 ZN	8595057604841	101

Alphabetical product list with EAN codes

Type code	EAN	page	Type code	EAN	page	Type code	EAN	page
6142 ZNM	8595057604858	101	8032HF	F A 8595057688353	96	8494	H B 8595057668720	75
6150	8595057634411	101	8040	F A 8595057617056	94	8495	H B 8595057668737	75
6150 ZN	8595057631410	101	8040HF	F A 8595057688360	96	8496	H B 8595057668744	75
6163	8595057634428	101	8050	F A 8595057617711	94	8497	H B 8595057668751	75
6163 ZN	8595057631670	101	8050HF	F A 8595057688377	96	8501	H B 8595057690462	72
6216E	8595057634299	100	8063	F A 8595057626331	94	8502	H B 8595057690479	72
6216E AL	8595057657731	103	8063HF	F A 8595057688384	96	8503	H B 8595057690486	72
6216E ZN	8595057634220	100	8101	Z A 8595057608801	20	8504	H B 8595057690493	72
6220	8595057634305	100	8101	K A 8595057655959	21	8504/EKD	H B 8595057690523	72
6220 AL	8595057657748	103	8102	K A 8595057655966	21	8505	H B 8595057690509	72
6220 ZN	8595057634237	100	8102	Z A 8595057608818	21	8506	H B 8595057690516	72
6225	8595057634312	100	8106	K A 8595057655973	21	8511	H B 8595057690547	72
6225 AL	8595057657755	103	8106	8595057603332	21	8512	H B 8595057690554	72
6225 ZN	8595057634244	100	8107	8595057603387	21	8513	H B 9056185950576	72
6232	8595057634329	100	8107	K A 8595057655980	21	8514	H B 8595057690578	72
6232 AL	8595057657762	103	8110	K A 8595057655997	21	8514/EKD	H B 8595057690608	72
6232 ZN	8595057634251	100	8110	8595057603349	21	8515	H B 8595057690585	72
6240	8595057634336	100	8111	8595057603394	22	8516	H B 8595057690592	72
6240 AL	8595057657779	103	8111	K A 8595057656000	22	8531	H B 8595057610996	72
6240 ZN	8595057634268	100	8112	K A 8595057656017	22	8532	H B 8595057614185	72
6250	8595057634343	100	8112	8595057603356	22	8533	H B 8595057614208	72
6250 AL	8595057657786	103	8117	8595057603363	22	8535	H B 8595057613225	72
6250 ZN	8595057634275	100	8117	K A 8595057656024	22	8536	H B 8595057614093	72
6263	8595057634350	100	8118	K A 8595057656031	22	8541	H B 8595057622005	70
6263 AL	8595057657793	103	8118	8595057603400	22	8542	H B 8595057622012	70
6263 ZN	8595057634282	100	8119	K A 8595057656048	22	8543	H B 8595057622029	70
6303-11	8595057644953	44	8119	8595057603370	22	8544	H B 8595057622036	70
6303-12	8595057644960	44	8130	8595057619050	23	8545	H B 8595057622043	70
6316E	8595057634503	101	8135	8595057616493	23	8546	H B 8595057622050	70
6316E AL	8595057657809	103	8401	H B 8595057688063	74	8550-11	H B 8595057646667	79
6316E ZN	8595057634435	101	8402	H B 8595057688070	74	8550-12	H B 8595057646674	79
6320	8595057634510	101	8403	H B 8595057688087	74	8550-13	H B 8595057646681	79
6320 AL	8595057657816	103	8404	H B 8595057688094	74	8551	H B 8595057622418	70
6320 ZN	8595057634442	101	8405	H B 8595057688100	74	8552	H B 8595057622425	70
6325	8595057634527	101	8406	H B 8595057688117	74	8553	H B 8595057622432	70
6325 AL	8595057657823	103	8407	H B 8595057688124	74	8554	H B 8595057622449	70
6325 ZN	8595057634459	101	8440-11	H B 8595057644052	79	8555	H B 8595057622456	70
6332	8595057634534	101	8440-12	H B 8595057644069	79	8556	H B 8595057622463	70
6332 AL	8595057657830	103	8440-13	H B 8595057644076	79	8560-11	H B 8595057646698	79
6332 ZN	8595057634466	101	8441	H B 8595057628953	73	8560-12	H B 8595057646704	79
6340	8595057634541	101	8442	H B 8595057628960	73	8560-13	H B 8595057646711	79
6340 AL	8595057657847	103	8443	H B 8595057628977	73	8561	H B 8595057622470	70
6340 ZN	8595057634473	101	8444	H B 8595057628984	73	8562	H B 8595057622487	70
6350	8595057634558	101	8445	H B 8595057628991	73	8563	H B 8595057622494	70
6350 AL	8595057657854	103	8446	H B 8595057629004	73	8564	H B 8595057622500	70
6350 ZN	8595057634480	101	8447	H B 8595057655188	73	8565	H B 8595057622517	70
6363	8595057634565	101	8450-11	H B 8595057646759	79	8566	H B 8595057622524	70
6363 AL	8595057657861	103	8450-12	H B 8595057646766	79	8571	H B 8595057622357	71
6363 ZN	8595057634497	101	8450-13	H B 8595057646773	79	8572	H B 8595057622364	71
6401	8595057605473	110	8451	H B 8595057646780	73	8573	H B 8595057622371	71
6516	8595057605411	108	8452	H B 8595057646797	73	8574	H B 8595057622388	71
6526	8595057605442	108	8453	H B 8595057646803	73	8575	H B 8595057622395	71
6704	8595057605527	109	8454	H B 8595057646810	73	8576	H B 8595057622401	71
6706	8595057605534	109	8455	H B 8595057646827	73	8601	H B 8595057620032	62
6708	8595057605541	109	8456	H B 8595057646834	73	8602	H B 8595057620049	62
6710	8595057605558	109	8457	H B 8595057650640	73	8603	H B 8595057620056	62
6712	8595057605565	109	8461	H B 8595057635135	73	8604	H B 8595057620063	62
6723	8595057606227	108	8462	H B 8595057635142	73	8605	H B 8595057620070	62
6724	8595057606241	109	8463	H B 8595057635159	73	8606	H B 8595057620087	62
6808	8595057605572	109	8464	H B 8595057635166	73	8621	I 1 8595057656734	61
6810	8595057605589	109	8465	H B 8595057635173	73	8621	I 2 8595057656741	61
6812	8595057605596	109	8466	H B 8595057635180	73	8621	H B 8595057609754	61
6816	8595057605602	109	8467	H B 8595057655171	73	8621HF	H B 8595057655676	64
6820	8595057605619	109	8471	H B 8595057650589	74	8622	H B 8595057609778	61
6825	8595057605626	109	8472	H B 8595057650596	74	8622	I 1 8595057656758	61
7116 B	8595057604124	24	8473	H B 8595057650602	74	8622	I 2 8595057656765	61
7116 C	8595057604131	24	8474	H B 8595057650619	74	8622HF	H B 8595057655683	64
7121 B	8595057604155	24	8475	H B 8595057650626	74	8623	H B 8595057610941	61
7121 C	8595057604162	24	8476	H B 8595057650633	74	8623	I 1 8595057656772	61
7216 B	8595057604186	24	8477	H B 8595057650752	74	8623	I 2 8595057656789	61
7216 C	8595057604193	24	8481	H B 8595057657069	74	8623HF	H B 8595057655690	64
7221 B	8595057604216	24	8482	H B 8595057657076	74	8624	H B 8595057610552	61
7221 C	8595057604223	24	8483	H B 8595057657083	74	8624	I 1 8595057656796	61
8016E	F A 8595057617247	94	8484	H B 8595057657090	74	8624	I 2 8595057656802	61
8016EHF	F A 8595057688322	96	8485	H B 8595057657106	74	8624HF	H B 8595057655706	64
8020	F A 8595057617087	94	8486	H B 8595057657113	74	8625	I 1 8595057656826	61
8020HF	F A 8595057688339	96	8487	H B 8595057657120	74	8625	I 2 8595057656833	61
8025	F A 8595057617070	94	8491	H B 8595057668690	75	8625	H B 8595057611825	61
8025HF	F A 8595057688346	96	8492	H B 8595057668706	75	8625HF	H B 8595057655713	64
8032	F A 8595057617063	94	8493	H B 8595057668713	75	8626	H B 8595057611214	61

Alphabetical product list with EAN codes

Type code		EAN	page	Type code		EAN	page	Type code		EAN	page
8626	I 1	8595057656840	61	8735	H B	8595057610651	58	8873	H B	8595057656604	65
8626	I 2	8595057656857	61	8736	H B	8595057609341	58	8874	K B	8595057656635	65
8626HF	H B	8595057655720	64	8737	H B	8595057612143	58	8874	H B	8595057656628	65
8629	H B	8595057608535	61	8738	H B	8595057615311	58	8911	H B	8595057616684	61
8629HF	H B	8595057655737	64	8739	H B	8595057611252	58	8912	H B	8595057616677	61
8631	I 1	8595057656888	62	8739Z	H B	8595057614406	58	8913	H B	8595057616660	61
8631	H B	8595057610934	62	8751	H B	8595057622166	68	8914	H B	8595057616639	61
8631	I 2	8595057656895	62	8752	H B	8595057622173	68	8915	H B	8595057616646	61
8631HF	H B	8595057655744	64	8753	H B	8595057622180	68	8916	H B	8595057616653	61
8632	I 1	8595057656901	62	8754	H B	8595057622197	68	8921	H B	8595057619975	60
8632	I 2	8595057656918	62	8755	H B	8595057622203	68	8922	H B	8595057619982	60
8632	H B	8595057609082	62	8756	H B	8595057622210	68	8923	H B	8595057619999	60
8632HF	H B	8595057655751	64	8757	H B	8595057622227	68	8924	H B	8595057620001	60
8633	I 1	8595057656925	62	8761	H B	8595057622296	68	8925	H B	8595057620018	60
8633	I 2	8595057656932	62	8762	H B	8595057622302	68	8926	H B	8595057620025	60
8633	H B	8595057609020	62	8763	H B	8595057622319	68	8931	H B	8595057633889	62
8633HF	H B	8595057655614	64	8764	H B	8595057622326	68	8932	H B	8595057633896	62
8634	H B	8595057608658	62	8765	H B	8595057622333	68	8933	H B	8595057633902	62
8634	I 1	8595057656949	62	8766	H B	8595057622340	68	8934	H B	8595057633919	62
8634	I 2	8595057656956	62	8771	H B	8595057621923	68	8935	H B	8595057633926	62
8634HF	H B	8595057655768	64	8772	H B	8595057621930	68	8936	H B	8595057633933	62
8635	H B	8595057609105	62	8773	H B	8595057621947	68	9613	H B	8595057604568	93
8635	I 1	8595057656963	62	8774	H B	8595057621961	68	9616	H B	8595057604575	93
8635	I 2	8595057656970	62	8775	H B	8595057621954	68	9629	H B	8595057604599	93
8635HF	H B	8595057655775	64	8776	H B	8595057621978	68	9636	H B	8595057604605	93
8636	H B	8595057610811	62	8781	H B	8595057622234	69	9648	H B	8595057604612	93
8636	I 1	8595057656987	62	8782	H B	8595057622241	69	9813	H B	8595057605060	100
8636	I 2	8595057656994	62	8783	H B	8595057622258	69	9816	H B	8595057605077	100
8636HF	H B	8595057655782	64	8784	H B	8595057622265	69	9829	H B	8595057605091	100
8639	H B	8595057608672	62	8785	H B	8595057622272	69	A16FL		8595057625495	91
8639HF	H B	8595057656642	64	8786	H B	8595057622289	69	A16FL-45		8595057625525	91
8641	H B	8595057611023	63	8791	H B	8595057651609	58	A16FL-90		8595057625464	91
8641HF	H B	8595057655799	64	8792	H B	8595057651616	58	A16RT		8595057625556	91
8642	H B	8595057611931	63	8793	H B	8595057651623	58	A21FL		8595057625501	91
8642HF	H B	8595057655812	64	8794	H B	8595057651630	58	A21FL-45		8595057625532	91
8643	H B	8595057611986	63	8795	H B	8595057651647	58	A21FL-90		8595057625471	91
8643HF	H B	8595057655812	64	8796	H B	8595057651654	58	A21RT		8595057625563	91
8644	H B	8595057612020	63	8797	H B	8595057651661	58	A28FL		8595057625518	91
8644HF	H B	8595057655829	64	8809	H B	8595057612686	59	A28FL-45		8595057625549	91
8645	H B	8595057613157	63	8819	H B	8595057612679	59	A28FL-90		8595057625488	91
8645HF	H B	8595057655836	64	8821 L	H B	8595057611337	66	A28RT		8595057625570	91
8646	H B	8595057614055	63	8821 P	H B	8595057611313	66	A34RT		8595057625587	91
8646HF	H B	8595057655843	64	8822	H B	8595057611108	66	A42RT		8595057625594	91
8651	H B	8595057614109	63	8823/13 L	H B	8595057611467	66	A54RT		8595057625600	91
8652	H B	8595057613256	63	8823/13 P	H B	8595057611481	66	A-ES16		8595057625815	91
8653	H B	8595057614284	63	8824/12	H B	8595057611191	66	A-ES20		8595057625822	91
8654	H B	8595057613270	63	8824/40	H B	8595057612709	66	A-ES28		8595057625839	91
8655	H B	8595057614260	63	8824/41	H B	8595057612693	66	A-ES32		8595057625846	91
8656	H B	8595057614246	63	8824/43	H B	8595057634008	66	A-ES40		8595057625853	91
8671	H B	8595057616752	60	8824/44	H B	8595057634015	66	A-LN/PG13		8595057625624	91
8672	H B	8595057616745	60	8825	H B	8595057611719	66	A-LN/PG16		8595057625631	91
8673	H B	8595057616738	60	8826	H B	8595057611283	66	A-LN/PG21		8595057625648	91
8674	H B	8595057616714	60	8833	K B	8595057656505	65	A-LN/PG29		8595057625655	91
8675	H B	8595057616721	60	8833	H B	85950576565218	65	A-LN/PG36		8595057625662	91
8676	H B	8595057616707	60	8834	K B	8595057656512	65	A-LN/PG48		8595057625679	91
8681	H B	8595057616813	60	8834	H B	8595057655225	65	AM16/16		8595057626676	91
8682	H B	8595057616806	60	8837	K B	8595057656543	65	AM16/16-45		8595057625341	91
8683	H B	8595057616790	60	8837	H B	8595057617131	65	AM16/16-90		8595057625228	91
8684	H B	8595057616783	60	8843	K B	8595057656529	65	AM20/20		8595057626133	91
8685	H B	8595057616776	60	8843	H B	8595057654969	65	AM21/20		8595057626683	91
8686	H B	8595057616769	60	8844	H B	8595057654976	65	AM21/20-45		8595057625358	91
8691	H B	8595057616622	61	8844	K B	8595057656536	65	AM21/20-90		8595057625235	91
8692	H B	8595057616615	61	8847	K B	8595057656550	65	AM25/25		8595057626140	91
8693	H B	8595057616608	61	8847	H B	8595057615793	65	AM28/25		8595057626690	91
8694	H B	8595057616592	61	8855	H B	8595057634039	67	AM28/25-45		8595057625365	91
8695	H B	8595057616585	61	8855/3	H B	8595057634022	67	AM28/25-90		8595057625242	91
8696	H B	8595057616691	61	8856	H B	8595057634046	67	AM34/32		8595057626706	91
8711	H B	8595057608696	59	8861 L	H B	8595057634053	66	AM34/32-45		8595057625372	91
8712/2	H B	8595057610613	59	8861 L	I 1	8595057669291	66	AM34/32-90		8595057625259	91
8713/2	H B	8595057610354	59	8861 L	I 2	8595057669314	66	AM42/40		8595057626713	91
8714	H B	8595057611849	59	8861 P	H B	8595057638792	66	AM42/40-45		8595057625389	91
8715	H B	8595057610040	59	8861 P	I 1	8595057669246	66	AM42/40-90		8595057625266	91
8716	H B	8595057611559	59	8861 P	I 2	8595057669321	66	AM54/50		8595057625150	91
8717	H B	8595057610620	59	8865	H B	8595057634060	66	AM54/50-45		8595057625396	91
8719	H B	8595057608719	59	8865	I 1	8595057669253	66	AM54/50-90		8595057625273	91
8719Z	H B	8595057614420	59	8865	I 2	8595057669338	66	APAFS16		8595057656321	90
8731	H B	8595057609303	58	8866	H B	8595057634077	66	APAFS21		8595057662179	90
8732	H B	8595057610330	58	8866	I 1	8595057669307	66	APAFS28		8595057667266	90
8733	H B	8595057610392	58	8866	I 2	8595057669345	66	APAFS34		8595057658196	90
8734	H B	8595057609327	58	8873	K B	8595057656611	65	APACS42		8595057667273	90

Alphabetical product list with EAN codes

Type code	EAN	page	Type code	EAN	page	Type code	EAN	page
APACS54	8595057651517	90	KBP-10	Z A 8595057610361	37	KN-Z 100	8595057623019	93
APACS80	8595057667280	90	KBP-8	Z A 8595057610231	37	KN-Z 125	8595057623029	93
APG16/13	8595057625167	91	KBP-9	Z A 8595057610378	37	KN-Z 160	8595057623033	93
APG16/13-45	8595057625402	91	KBS-120	A B 8595057624269	37	KN-Z 200	8595057623040	93
APG16/13-90	8595057625280	91	KBS-2	Z B 8595057632516	35	KN-Z 50	8595057622982	93
APG21/16	8595057625174	91	KBS-3	A A 8595057608146	35	KN-Z 65	8595057622999	93
APG21/16-45	8595057625419	91	KBT-1	Z B 8595057632455	35	KN-Z 80	8595057623002	93
APG21/16-90	8595057625297	91	KBT-2	Z B 8595057632462	35	KO 100	8595057600133	8
APG28/21	8595057625181	91	KBT-3/71	Z B 8595057667853	35	KO 100 E	8595057612655	9
APG28/21-45	8595057625426	91	KBV-1	A A 8595057608177	36	KO 110/L	8595057611672	14
APG28/21-90	8595057625303	91	KBV-2	Z B 8595057632509	36	KO 125/1L	8595057668652	14
APG34/29	8595057625198	91	KBV-3	Z B 8595057657151	36	KO 125 E	8595057612587	9
APG34/29-45	8595057625433	91	KBV-2/71	Z B 8595057632493	36	KO 68	8595057600539	29
APG34/29-90	8595057625310	91	KD 09050	B C 8595057643765	98	KO 97 V	8595057600546	29
APG42/36	8595057625204	91	KD 09063	B C 8595057643772	98	KO 97 V/1	8595057612983	29
APG42/36-45	8595057625440	91	KD 09075	B C 8595057643789	98	KO 97 V/1HF	8595057633971	27
APG42/36-90	8595057625327	91	KD 09090	B C 8595057643796	98	KO 97/5	8595057600164	8
APG54/48	8595057625211	91	KD 09110	B C 8595057606449	98	KO 97/L	8595057600171	13
APG54/48-45	8595057625457	91	KD 09120	B C 8595057618282	98	KOM 97	8595057632752	10
APG54/48-90	8595057625334	91	KD 09125	B C 8595057618299	98	KOM 97/LU	8595057612617	15
ARTSET	8595057625617	91	KD 09160	B C 8595057643819	98	KOM 97/LUHF	8595057633988	26
A-SW/M16	8595057625686	91	KD 09175	B C 8595057618305	98	KOM 97HF	8595057635012	26
A-SW/M20	8595057625693	91	KD 09200	B C 8595057618312	98	KOPOBOX 57	8595057690721	41
A-SW/M25	8595057625709	91	KF 09040	B A 8595057606333	98	KOPOBOX 80	8595057690738	41
A-SW/M32	8595057625716	91	KF 09050	B A 8595057606340	98	KOPODREN 100	8595057621640	93
A-SW/M40	8595057625723	91	KF 09063	B A 8595057643703	98	KOPODREN 125	8595057621657	93
A-SW/M50	8595057625730	91	KF 09075	B A 8595057643710	98	KOPODREN 160	8595057621664	93
A-SW/PG13	8595057625747	91	KF 09090	B A 8595057643727	98	KOPODREN 200	8595057621671	93
A-SW/PG16	8595057625754	91	KF 09110	B A 8595057606364	98	KOPODREN 50	8595057621619	93
A-SW/PG21	8595057625761	91	KF 09120	B A 8595057618329	98	KOPODREN 65	8595057621626	93
A-SW/PG29	8595057625778	91	KF 09125	B A 8595057618336	98	KOPODREN 80	8595057621633	93
A-SW/PG36	8595057625785	91	KF 09160	B A 8595057643741	98	KP 64/2	8595057632707	7
A-SW/PG48	8595057625792	91	KF 09175	B A 8595057618343	98	KP 64/2L	8595057600058	13
BK 16	A A 8595057621688	38	KI 68 L/1	8595057600119	12	KP 64/3	8595057632714	7
BK 16 CSN	A A 8595057629165	38	KI 68 L/2	8595057600188	12	KP 64/3L	8595057611696	13
BK 20	A A 8595057621718	38	KI 68 L/3	8595057600270	12	KP 64/4	8595057632721	7
BK 23	A A 8595057629158	38	KN-K90 100	8595057622876	93	KP 64/4L	8595057632776	13
BK 25	A A 8595057621701	38	KN-K90 125	8595057622883	93	KP 64/5	8595057657212	8
BK 32	A A 8595057621695	38	KN-K90 160	8595057622890	93	KP 64/5L	8595057657229	13
BV 1620	K A 8595057621985	38	KN-K90 200	8595057622906	93	KP 64/LA	8595057611757	12
BV 2532	K A 8595057621992	38	KN-K90 80	8595057622869	93	KP 67/2	8595057615496	6
DR18	8595057612570	32	KN-KK 100	8595057623088	93	KP 67/3	8595057650558	6
DR42	8595057600508	32	KN-KK 125	8595057623095	93	KP 67X67	8595057600072	7
EK 120X40	H A 8595057602687	72	KN-KK 160	8595057623101	93	KP 68/2	8595057600089	7
EK 120X40	H D 8595057608603	72	KN-KK 200	8595057623118	93	KP 68/2HF	8595057634923	26
EKD 100X40	H D 8595057690530	72	KN-KK 50	8595057623057	93	KP EKE	H B 8595057621732	78
EKD 80X40	H D 8595057690455	72	KN-KK 65	8595057623064	93	KP PK	H B 8595057629011	78
EKE 100X60	H D 8595057620735	70	KN-KK 80	8595057623071	93	KPM 64	8595057632745	10
EKE 140X60	H D 8595057620704	70	KN-OB90 100	8595057622807	93	KPM 64/LU	8595057612648	15
EKE 180X60	H D 8595057620674	71	KN-OB90 50	8595057622777	93	KPP 80	8595057690769	41
EKE 60X60	H D 8595057620766	70	KN-OB90 65	8595057622784	93	KPR 68	8595057648302	8
EPS 2	8595057618374	45	KN-OB90 80	8595057622791	93	KPR 68/71L	8595057687929	12
EPS 3	8595057668676	45	KN-OD45 100	8595057622739	93	KPR 68/L	8595057617179	11
FR 68 SDS	8595057615915	47	KN-OD45 125	8595057622746	93	KR 97/5	8595057600256	8
G-49	H A 8595057623996	25	KN-OD45 160	8595057622753	93	KR 97/L	8595057600263	14
G-49	L A 8595057624009	25	KN-OD45 200	8595057622760	93	KT 250	8595057600294	9
G-49	K A 8595057652392	25	KN-OD45 50	8595057622708	93	KT 250 V	8595057600553	30
HL 10	8595057612273	107	KN-OD45 65	8595057622715	93	KT 250/1	8595057632738	9
HL 6	8595057612280	107	KN-OD45 80	8595057622722	93	KT 250/L	8595057618640	14
HL 8	8595057605329	107	KN-R 100/80	8595057622593	93	KT 250X110	8595057600300	9
HM 10	85950576005176	107	KN-R 125/100	8595057622609	93	KU 68 LA/1	8595057610279	11
HM 10 PE	8595057632646	107	KN-R 160/125	8595057622616	93	KU 68 LA/1HF	8595057633964	26
HM 12	85950576005190	107	KN-R 200/160	8595057622623	93	KU 68 LA/2	8595057610286	11
HM 12 PE	8595057632653	107	KN-R 65/50	8595057622579	93	KU 68 LA/3	8595057610293	11
HM 6	8595057605213	107	KN-R 80/65	8595057622586	93	KU 68-1901	8595057600096	6
HM 6 PE	8595057632622	107	KN-S 100	8595057622661	93	KU 68-1901HF	8595057633957	26
HM 8 PE	8595057632639	107	KN-S 125	8595057622678	93	KU 68-1902	8595057600195	6
HM 8/1	8595057605251	107	KN-S 160	8595057622685	93	KU 68-1903	8595057600287	6
HN 6X25	8595057618473	108	KN-S 200	8595057622692	93	KU 68/71L1	8595057688414	11
HN 6X35	8595057618480	108	KN-S 50	8595057622630	93	KUH 1	8595057688445	10
HN 6X45	8595057618497	108	KN-S 65	8595057622647	93	KUH 1/L	8595057687950	15
HN 6X55	8595057618503	108	KN-S 80	8595057622654	93	KUP 57	8595057690745	41
HN 6X70	8595057618510	108	KN-T 100	8595057622944	93	KUP 80	8595057690752	41
HN 8X45	8595057618527	108	KN-T 125	8595057622951	93	L-42W	8595057611962	80
HS 6	Z A 8595057608795	108	KN-T 160	8595057622968	93	LE 100	H D 8595057621008	69
HSV 6	Z A 8595057609051	108	KN-T 200	8595057622975	93	LE 40	H D 8595057620827	68
KBE-1	8595057614475	38	KN-T 50	8595057622913	93	LE 60	H D 8595057620889	68
KBM	8595057626669	37	KN-T 65	8595057622920	93	LE 80	H D 8595057620940	68
KBP-1	A A 8595057608115	36	KN-T 80	8595057622937	93	LH 15X10	H A 8595057616509	60
KBP-1/71	A B 8595057624252	36				LH 15X10	H D 8595057621374	60

Alphabetical product list with EAN codes

Type code		EAN	page	Type code		EAN	page	Type code		EAN	page
LH 60X40	H A	8595057610316	63	NR 68/10	Z B	8595057619043	31	RK 37.5X37.5 DIN		8595057623620	82
LH 60X40	H D	8595057610491	63	NR 68/6	Z B	8595057619036	31	RK 37.5X37.5 HF		8595057623507	82
LHD 17X17	H A	8595057616523	60	NR 80/R	H B	8595057615823	31	RK 37.5X50 DIN		8595057623651	82
LHD 17X17	H D	8595057619920	60	NRB 60/12	A B	8595057616455	36	RK 37.5X50 HF		8595057623514	82
LHD 20X10	H D	8595057620582	60	NRB 60/24	A B	8595057616462	36	RK 37.5X75 DIN		8595057623712	82
LHD 20X20	H A	8595057608870	61	NRT	H B	8595057615755	31	RK 37.5X75 HF		8595057623552	82
LHD 20X20	H D	8595057609617	61	P 110 L		8595057612136	32	RK 40X100		8595057623309	81
LHD 20X20	I 1	8595057656659	61	P-16		8595057632660	25	RK 40X40		8595057623156	81
LHD 20X20	I 2	8595057656666	61	P-21		8595057632677	25	RK 40X60		8595057623187	81
LHD 20X20HF	H D	8595057657175	64	PEK 40	J A	8595057609792	63	RK 40X60 SF		8595057623408	81
LHD 25X15	H A	8595057616547	61	PEK 40	J C	8595057609815	60	RK 40X80		8595057623248	81
LHD 25X15	H D	8595057620599	61	PEKD 40	C	8595057690448	76	RK 40X80 SF		8595057623453	81
LHD 25X20	H A	8595057616820	61	PEKE 60	C	8595057627079	76	RK 50X37.5 DIN		8595057623637	82
LHD 25X20	H D	8595057616844	61	PEP 60		8595057668768	76	RK 50X50 DIN		8595057623668	82
LHD 30X25	H A	8595057633865	62	PEP 60/K		8595057668775	76	RK 50X50 HF		8595057623521	82
LHD 30X25	H D	8595057633872	62	P1		8595057616172	46	RK 50X75 DIN		8595057623729	82
LHD 32X15	H A	8595057616561	62	PI 80 2ZK		8595057614727	33	RK 50X75 HF		8595057623569	82
LHD 32X15	H D	8595057620605	62	PI 80 2ZT		8595057614710	33	RK 60X100		8595057623316	81
LHD 40X20	H A	8595057610149	62	PI 80R		8595057614697	33	RK 60X100 SF		8595057623484	81
LHD 40X20	H D	8595057610170	62	PI 80T		8595057614703	33	RK 60X40		8595057623163	81
LHD 40X20	I 1	8595057656673	62	PK 110X70 D	H D	8595057632882	73	RK 60X60		8595057623194	81
LHD 40X20	I 2	8595057656680	62	PK 120X55 D	H D	8595057650572	74	RK 60X60 SF		8595057623415	81
LHD 40X20HF	H D	8595057656437	64	PK 140X70 D	H D	8595057632912	73	RK 60X80		8595057623255	81
LHD 40X40	H A	8595057651685	63	PK 160X65 D	H D	8595057657205	74	RK 60X80 SF		8595057623460	81
LHD 40X40	H D	8595057651692	63	PK 170X70 D	H D	8595057632943	73	RK 75X50 DIN		8595057623675	82
LHD 40X40HF	H D	8595057657199	64	PK 210X70 D	H D	8595057668683	75	RK 75X50 HF		8595057623538	82
LK 80/1	H B	8595057616387	17	PK 90X55 D	H D	8595057688056	74	RK 75X75 DIN		8595057623736	82
LK 80/2	H B	8595057616394	17	PKS 70/60		8595057664364	76	RK 75X75 HF		8595057623576	82
LK 80/3	H B	8595057616400	17	PKUP		8595057690837	42	RK 80X100		8595057623323	81
LK 80R/1	H B	8595057616349	17	PLSK		8595057627345	76	RK 80X60		8595057623200	81
LK 80R/2	H B	8595057616356	18	PN 40X15	H B	8595057610569	78	RK 80X60 SF		8595057623422	81
LK 80R/3	H B	8595057616363	18	PN 40X20	H B	8595057610583	78	RK 80X80		8595057623262	81
LK 80X16 T	H B	8595057619296	19	PN 40X20	I 1	8595057657021	78	RK 80X80 SF		8595057623477	81
LK 80X20R/1	H B	8595057616486	18	PN 40X20	I 2	8595057657038	78	RK-MP		8595057623941	83
LK 80X28 2R	H B	8595057615519	19	PN 80X25	H B	8595057611443	79	RK-NN		8595057623934	83
LK 80X28 2T	H B	8595057617315	19	PN 80X25 2Z	H B	8595057611399	79	RK-OVK20		8595057623811	83
LK 80X28 2ZK	H B	8595057616370	18	PN EKE		8595057658028	80	RK-OVK30		8595057623828	83
LK 80X28 2ZKHF	H B	8595057634138	27	PN PK		8595057662377	80	RK-OVK40		8595057623835	83
LK 80X28 2ZT	H B	8595057616332	19	PNE 100X20	H B	8595057624672	78	RK-PN3.5		8595057623903	83
LK 80X28 2ZTHF	H B	8595057634145	28	PNE 40 2Z	H B	8595057652347	78	RK-PN5		8595057623910	83
LK 80X28 T	H B	8595057617308	19	PNE 60X20	H B	8595057627475	78	RK-PN6		8595057623927	83
LK 80X28 THF	H B	8595057633995	27	PNE 60X20 2Z	H B	8595057627482	78	RK-PP		8595057623897	83
LK 80X28/1	H B	8595057617193	17	PNE 80X20	H B	8595057624689	78	RK-RL 60		8595057623774	83
LK 80X28R/1	H B	8595057616479	18	PNE 80X20 2Z	H B	8595057627024	78	RK-RL 80/100		8595057623781	83
LK 80X28R/1HF	H B	8595057634121	27	PNLP 35 2Z	H B	8595057655041	79	RK-ST12		8595057623859	83
LKM 45	H B	8595057634855	20	PNLP 35 2Z	I 1	8595057669239	68	RK-ST22		8595057623866	83
LO 35	H D	8595057619937	65	PNLP 35 2Z	I 2	8595057669352	68	RK-ST6		8595057623842	83
LO 35	K D	8595057656499	65	PP 80/0		8595057690783	42	RK-UP		8595057623798	83
LO 50	H D	8595057619944	65	PP 80/3		8595057690790	42	RK-VK		8595057623873	83
LO 50	K D	8595057621404	65	PP 80/45		8595057690806	42	RK-VP		8595057623880	83
LO 75	H A	8595057656567	65	PSK 1	Z B	8595057629035	76	RLE 100		8595057624696	69
LO 75	H D	8595057656574	65	REK 120X40		8595057603165	72	RLE 80		8595057624702	68
LO 75	K A	8595057656581	65	REKE 100	B	8595057626409	70	RLH 60X40		8595057610385	63
LO 75	K D	8595057656598	65	REKE 140	B	8595057626393	70	RLV 40X16		8595057603202	59
LP 35	H D	8595057615977	66	REKE 180	B	8595057626386	71	S-66	F B	8595057614734	44
LP 35	I 1	8595057667877	66	REKE 60	B	8595057626416	70	S-96	F B	8595057614741	44
LP 35	I 2	8595057667884	66	REKO 80X40		8575057690691	72	SFM20		8595057625938	92
LP 80X25	H A	8595057602793	66	REKO 100X40		8575057690707	72	SFM25		8595057625945	92
LP 80X25	H D	8595057609471	66	RK 100X100		8595057623330	81	SFM32		8595057625952	92
LPK 80X25	H D	8595057616318	66	RK 100X100 SF		8595057623491	81	SFM40		8595057625969	92
LR 30	H B	8595057615908	67	RK 100X50 DIN		8595057623682	82	SF16	K A	8595057625891	92
LV 11X10	H A	8595057601291	58	RK 100X50 HF		8595057623545	82	SF20	K A	8595057625907	92
LV 11X10	H D	8595057608504	58	RK 100X60		8595057623217	81	SF25	K A	8595057625914	92
LV 18X13	H A	8595057601338	58	RK 100X75 DIN		8595057623743	82	SF32	K A	8595057625921	92
LV 18X13	H D	8595057608511	58	RK 100X75 HF		8595057623583	82	SK 40X20		8595057614840	76
LV 24X22	H A	8595057601420	58	RK 100X80		8595057623279	81	SK 40X33		8595057630291	76
LV 24X22	H D	8595057609532	58	RK 120X60		8595057623224	81	SN		8595057690844	42
LV 40X15	H A	8595057601468	59	RK 120X80		8595057623286	81	SP 100X2.5		8595057621190	110
LV 40X15	H D	8595057609433	59	RK 125X75 DIN		8595057627350	82	SP 12X1/10		8595057620155	80
LZ 15X12	H A	8595057611153	59	RK 125X75 HF		8595057623590	82	SP 140X3.5		8595057621206	110
LZ 15X12	H D	8595057612426	59	RK 25X25 DIN		8595057623606	82	SP 140X4.5		8595057629196	110
LZ 15X12	K D	8595057656475	59	RK 25X37.5 DIN		8595057623613	82	SP 15X1/10		8595057620162	80
LZK 15X12	H A	8595057614482	59	RK 25X50 DIN		8595057623644	82	SP 160X2.5		8595057629189	110
LZK 15X12	H D	8595057620551	59	RK 25X75 DIN		8595057623705	82	SP 160X4.5		8595057629202	110
M3X40-3CH		8595057651470	47	RK 30X100		8595057623293	81	SP 180X4.5		8595057629219	110
M3X45-3CH		8595057651487	47	RK 30X30		8595057623132	81	SP 200X4.5		8595057621213	110
MKU 64		8595057612600	32	RK 30X40		8595057623149	81	SP 250X4.5		8595057629226	110
MKU 97		8595057612631	32	RK 30X60		8595057623170	81	SP 280X4.5		8595057621220	110
MP3-3CH		8595057651494	47	RK 30X80		8595057623231	81	SP 360X4.5		8595057621237	110
NR 2ZT	H B	8595057615779	31	RK 30X80 SF		8595057623446	81	SP 360X7.5		8595057621244	110

Alphabetical product list with EAN codes

Type code		EAN	page
SP 380X4.5		8595057629233	110
SP 430X4.5		8595057629240	110
SP-96	F B	8595057614758	44
SPM 100X2.5		8595057621398	110
SPP 19X19	H B	8595057689947	110
SPP 19X19	F B	8595057629257	110
SPP 9		8595057629172	110
SPPN 19X19		8595057631694	110
TS15 1.0		8595057605817	77
TS35 1.0		8595057605961	77
TS35 D1.0		8595057606111	77
TYP015		8595057613614	45
TYP016		8595057613621	45
TYP017		8595057613638	45
TYP018		8595057613645	45
TYP210		8595057613539	44
TYP310		8595057613553	44
TYP412		8595057613577	44
TYP512		8595057613591	44
TYP612		8595057613607	44
V 100 E		8595057617353	30
V 110 L		8595057612129	30
V 125/1	H A	8595057668669	30
V 68		8595057600577	29
V 68 S		8595057650541	37
V 68HF		8595057634114	27
VB 1		8595057627123	47
VB CSN		8595057627130	47
VB EN		8595057627147	47
VDS 68		8595057658967	46
VK 20	H B	8595057610125	79
VKP 64/2L		8595057655164	29
VKT 250/L	H B	8595057669147	30
VLK 80	H B	8595057616417	30
VLK 80/2R	H B	8595057614451	30
VLK 80/R	H B	8595057616325	30
VLK 80/T	H B	8595057610880	30
VLK 80/R	H B	8595057616325	30
VLK 80/T		8595057610880	30
VPT 40		8595057616097	46
VPT 64		8595057616103	46
VPT 68		8595057616110	46
VPT 79		8595057616127	46
VPT 97		8595057616134	46
VPTU		8595057616141	46
WEICON 375		8595057621183	102
ZBU		8595057621176	46
ZPP		8595057690820	42
ZV 68		8595057600591	31
ZV 97		8595057600607	31

Changes in a catalogue are related to the previous version WIRING MATERIALS 2008 - 2009 - 04/08

page

6	PRODUCT ELIMINATION	KU 68/1 - the box can be replaced with the box KP 68/2
41	NEW	KOPOBOX 57 and KOPOBOX 80 - floor box frame
41	NEW	KUP 57 and KUP 80 - iniversal floor box
41	NEW	KPP 80 - instrument floor box
42	NEW	PP 80/3, PP 80/45, PP 80/0 - instrument underlay
42	NEW	ZPP - end cap
42	NEW	PKUP - partition
42	NEW	SN - leveling set
(58)	PRODUCT ELIMINATION	LH 80X40 - the trunking can be replaced with the trunking EKD 80X40
(62)	PRODUCT ELIMINATION	EK 100X40 - the trunking can be replaced with the trunking EKD 100x40
72	NEW	EKD 80X40 - wiring trunking
72	NEW	EKD 100X40 - wiring trunking
90	NEW	MONOFLEX HF - flexible halogen-free pipe
90	NEW	SUPER MONOFLEX HFPP - flexible halogen-free pipe
102	PLACING IN CATALOGUE	5216 E AL - 5263 AL - clips OMEGA

www.kopos.cz
www.kopos.com

KOPOS KOLÍN a.s.
Havlíčková 432
CZ - 280 94 Kolín
tel.: +420 321 730 111
fax: +420 321 730 811
e-mail: kopos@kopos.cz