

8 Cable entry plates

for the food industry – Hygienic Design Line



High cable density

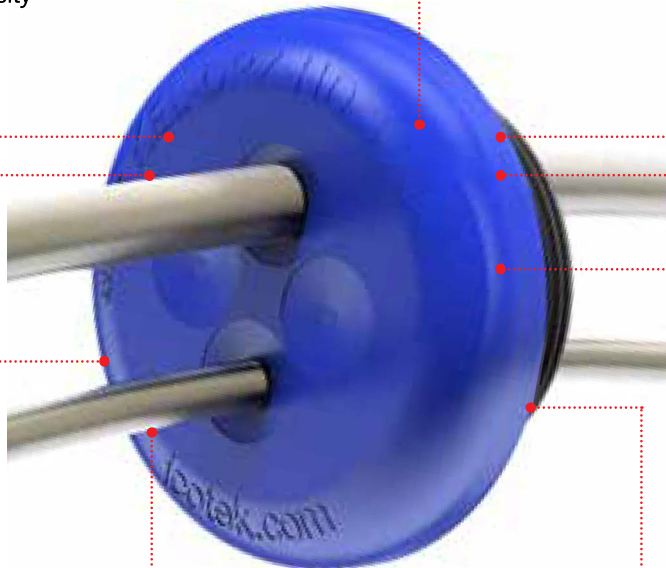


Fast and easy assembly



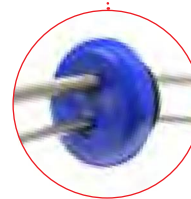
EHEDG compliant,
FDA compliant,
food approval acc. to
1935/2004/EG and
(EU) 10/2011,
Ecolab certified

Signal blue colour
(similar to Signal Blue RAL 5005)

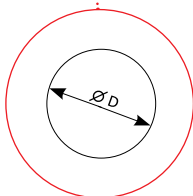


Very smooth surface

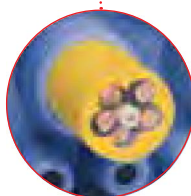
Compact,
space-saving
design



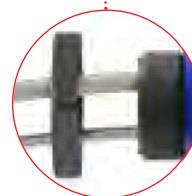
For metric cut-outs



IP66 to IP68 rated protection,
double cable sealing on front
and back



Flexible clamping range,
up to 7 mm



The fixation is very simple
with the lock nut.

Cable entry plates

KEL-DPZ-HD

Hygienic Design Line

Product description

The new cable entry plates KEL-DPZ-HD with metric thread from M32 to M63 have been developed for installation in food processing and packaging machines.

During the development according to the Hygienic Design (EHEDG) guidelines, care was taken to ensure that the visible side of the cable entry plate are free of dirt-collecting recesses. The surface was kept very smooth. The outer contour has a radius of 6 mm instead of the required 3 mm. In addition, the KEL-DPZ-HD uses an FDA-compliant elastomer in accordance with food approval 1935/2004/EG and (EU) 10/2011. The signal colour blue ensures a clear visual colour recognition.

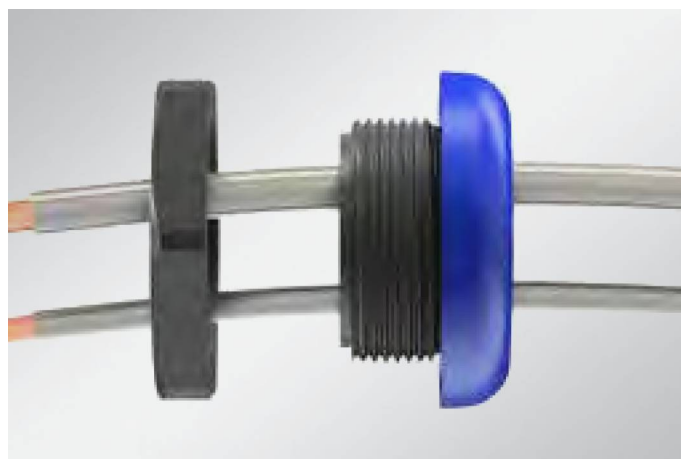
The cable entry plates are designed to route and seal several cables and hoses with a diameter range of 3.2 mm to 22.2 mm. They provide strain relief acc. to IP65/66/67/68. A significant advantage over cable glands is the significantly higher cable density and the flexibility of the cable diameter range. The fixation is very simple with the lock nut.

Advantages

- Elastomer of the cable entry plate made of material according to 1935/2004/EG, (EU) 10/2011
- FDA compliant
- EHEDG compliant
- Hygienic design – free of dirt-collecting recesses
- Ecolab certified
- Very flat design
- Very smooth surface
- Very fast assembly
- Cable diameter 3,2 – 22,2 mm
- Very large sealing areas and clamping areas
- High cable density
- Dual sealing of cables (IP66/IP68)
- Suitable for metric cut-outs
- Reproducible cleaning process
- Very low moisture absorption
- High resistance to aromatic solvents, oils, greases, mineral products
- No corrosion possible because plastics have been processed
- Maintenance free

Specifications

Material	Polyamide and elastomer FDA compliant material Food approval acc. to 1935/2004/EG Food approval acc. to (EU) 10/2011
IP protection	IP65/66/67/68
Colour	Blue (similar to Signal blue RAL 5005)
Temperature	-40°C to +80°C
Properties	Halogen-free, silicone-free



KEL-DPZ-HD

Cable entry plates

Hygienic Design Line



Type	Order No.	Number of cables	Thread metric	Thread length	External diameter	Mounting height	PU
KEL-DPZ-HD 32 4	70351	3× 3.2 - 6.5 mm 1× 7.2 - 12.5 mm	M32 × 1.5	14 mm	44 mm	8 mm	5
KEL-DPZ-HD 32 4-2	70352	4× 5 - 9.5 mm	M32 × 1.5	14 mm	44 mm	8 mm	5
KEL-DPZ-HD 32 7	70353	7× 3.2 - 6.5 mm	M32 × 1.5	14 mm	44 mm	8 mm	5
KEL-DPZ-HD 40 8	70354	4× 3.2 - 6.5 mm 4× 5 - 10.2 mm	M40 × 1.5	14 mm	52 mm	8 mm	5
KEL-DPZ-HD 50 8	70355	5× 5 - 10.2 mm 3× 7.2 - 12.5 mm	M50 × 1.5	14 mm	62 mm	8 mm	5
KEL-DPZ-HD 50 10	70356	7× 3.2 - 6.5 mm 2× 5 - 10.2 mm 1× 16 - 22.2 mm	M50 × 1.5	14 mm	62 mm	8 mm	5
KEL-DPZ-HD 50 12	70357	4× 3.2 - 6.5 mm 8× 5 - 10.2 mm	M50 × 1.5	14 mm	62 mm	8 mm	5
KEL-DPZ-HD 50 19	70358	19× 3.2 - 6.5 mm	M50 × 1.5	14 mm	62 mm	8 mm	5
KEL-DPZ-HD 63 9	70359	1× 3.2 - 6.5 mm 3× 5 - 10.2 mm 4× 9 - 16.2 mm 1× 16 - 22.2 mm	M63 × 1.5	14 mm	75 mm	8 mm	5
KEL-DPZ-HD 63 13	70360	4× 3.2 - 6.5 mm 4× 5 - 10.2 mm 5× 9 - 16.2 mm	M63 × 1.5	14 mm	75 mm	8 mm	5
KEL-DPZ-HD 63 14	70361	14× 5 - 10.2 mm	M63 × 1.5	14 mm	75 mm	8 mm	5
KEL-DPZ-HD 63 35	70362	35× 3.2 - 6.5 mm	M63 × 1.5	14 mm	75 mm	8 mm	5



ST-B-HD | ST-B-HDD

Plugs for cable entry plates
Hygienic Design Line

Product description

icotek offers plugs of the type ST-B-HD in the signal colour blue and in a detectable version of the type ST-B-HDD. The signal colour blue ensures a clear visual color recognition.

The ST-B-HDD plugs consist of a combination of polymer compound and metal particles. These can be sorted out using metal detectors, X-ray devices and visual detection systems.

The ST-B-HD and ST-B-HDD plugs are particularly suitable for pharmaceutical applications and for the food industry.

Advantages

- Sealing of pierced cable entry membranes which are no longer in use
- Blue colour for clear visual recognition
- ST-B-HDD: Detectable using metal detectors X-ray devices
- High resistance to aromatic solvents, oils, greases, mineral products

Specifications

Material	Polypropylene
Colour	Blue (similar to Signal blue RAL 5005)
Temperature	-40°C to +120°C
Properties	Food approval acc. to 1935/2004/EG and (EU) 10/2011 ST-B-HDD: Detectable by V2A particles

Type	Order No.	Diameter D1	Diameter D2	Length L	PU
ST-B-HD 6	70500	8 mm	6 mm	16 mm	10
ST-B-HD 10	70501	12 mm	10 mm	16 mm	10
ST-B-HD 12	70502	15 mm	12 mm	16 mm	10
ST-B-HD 16	70503	19 mm	16 mm	16 mm	10
ST-B-HD 22	70504	25 mm	22 mm	21 mm	10
ST-B-HDD 6 detectable	70620	8 mm	6 mm	16 mm	10
ST-B-HDD 10 detectable	70621	12 mm	10 mm	16 mm	10
ST-B-HDD 12 detectable	70622	15 mm	12 mm	16 mm	10
ST-B-HDD 16 detectable	70623	19 mm	16 mm	16 mm	10
ST-B-HDD 22 detectable	70624	25 mm	22 mm	21 mm	10

KB-HDD | KBH-HDD

Detectable cable ties
and holders for cable ties
Hygienic Design Line

Product description

The detectable cables ties and holders for cable ties are particularly suitable for pharmaceutical applications and for the food industry. The cable ties can be used to close packagings and transport containers.

The detectable cable ties and holders are used to install cables in the production systems. Cable ties are proven aids for the economical bundling and fastening of cables, cable harnesses, pipes and hoses. At the same time, the cable ties achieve a very high strain relief.

The holder is mounted using a screw assembly or an adhesive surface.

Advantages

- Cable ties: High resistance to aromatic solvents, oils, greases, mineral products
- Blue colour for clear visual recognition
- Detectable using metal detectors X-ray devices
- Support in quality assurance within food production, for example within the framework of HACCP

Specifications KB-HDD

Material	Polyamide
Colour	Blue (similar to Signal blue RAL 5005)
Temperature	-5°C to +60°C

Specifications KBH-HDD

Material	Polyamide
Dimensions	27 x 27 mm
Colour	Blue (similar to Signal blue RAL 5005)
Temperature	-5°C to +60°C
Properties	For cable ties up to 4.8 mm wide

Detectable cable ties KB-HDD

Type	Length	Width	Order No.	PU
Cable ties KB 2.5 x 100 HDD	100 mm	2.5 mm	70680	100
Cable ties KB 3.6 x 150 HDD	150 mm	3.6 mm	70681	100
Cable ties KB 4.8 x 200 HDD	200 mm	4.8 mm	70682	100
Cable ties KB 4.8 x 300 HDD	300 mm	4.8 mm	70683	100

Detectable holders for cable ties KBH-HDD

Type	Length	Width	Order No.	PU
Holder for cable ties KBH 27 x 27 HDD	27 mm	27 mm	70710	100

