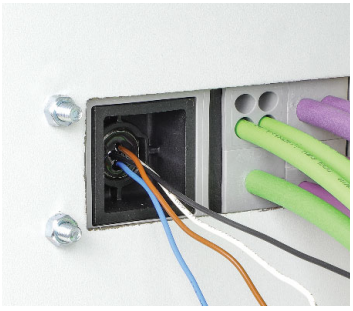
NEW | IP65 | HL3 EN 45545-2 | UV ISO 4892-2A | ECOLAB certified | RoHS compliant | Made in Germany

# AT-M | AT-B

## Adapter Grommet with Metric Inner Thread

IP65



KEL-U 24|7 mounted with 1x AT-M, equipped with 1 connector M12x1.0, for the connection of sensors.

## Product Description

AT-M is a grommet (based on large KT grommets) with integrated metric threads, suitable for split icotek cable entry systems. The AT-M grommets are made of elastomer with a polyamide body. AT-M grommets are available with inner threads in sizes M12x1.0, M16x1.5, M20x1.5 and M25x1.5.

The AT-M is ideal for creating an interface for signal, data, power and hybrid connectors by simply screwing them into the AT-M thread. Pressure compensation elements or conduit connectors up to M25x1.5 can also be screwed into the AT-M.

There is also a blank AT-B grommet available. The integrated polyamide body is completely closed on one side. The effective area is 24 x 24 mm (0.94 x 0.94"), the wall thickness is 6 mm (0.24"). Custom drill-holes and cut-outs can be made here for e.g. installation of screw mounted hybrid connectors.

icotek also offers screw plugs for sizes M16, M20 and M25 to close the new adapter grommet with the metric internal thread AT-M.

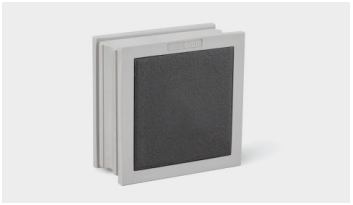
## Advantages & Benefits

- By using AT-M grommets, panel connectors and sockets can be integrated directly into the cable entry system
- Separate cut-outs for connectors are no longer necessary
- Space-saving solution
- Thread sizes M12 to M25 available

## Specifications

| | |
|---|---|
| Material | **Grommet: Elastomer**<br>**Body with thread: Polyamide** |
| Flame class | **UL94-V0, self-extinguishing** |
| Protection class | **IP65 when using correct components** |
| Temperature | **-40°C to +90°C (static)**<br>**-40°F to +194°F (static)** |
| Properties | **Halogen free, silicone free** |

| Type | Order No. | Height × width × length [mm] | Thread | Material | PU |
|---|---|---|---|---|---|
| AT-M 12x1.0 | 39946 | 42 x 41.5 x 19 / 1.65 x 1.63 x 0.75" | M12 × 1.0 | PA / Elastomer | 10 |
| AT-M 16x1.5 | 39947 | 42 x 41.5 x 19 / 1.65 x 1.63 x 0.75" | M16 × 1.5 | PA / Elastomer | 10 |
| AT-M 20x1.5 | 39948 | 42 x 41.5 x 19 / 1.65 x 1.63 x 0.75" | M20 × 1.5 | PA / Elastomer | 10 |
| AT-M 25x1.5 | 39949 | 42 x 41.5 x 19 / 1.65 x 1.63 x 0.75" | M25 × 1.5 | PA / Elastomer | 10 |
| AT-B blind | 39950 | 42 x 41.5 x 19 / 1.65 x 1.63 x 0.75" | – | PA / Elastomer | 10 |



**Screw plugs for AT-M**

| Type | Order No. | Thread | Material | PU |
|---|---|---|---|---|
| Screw plug M16 × 1.5 | 99195 | M16 | Polyamide | 10 |
| Screw plug M20 × 1.5 | 99196 | M20 | Polyamide | 10 |
| Screw plug M25 × 1.5 | 99197 | M25 | Polyamide | 10 |