



9

Profiles made of TPE
(Extended Life Seal)

Available as frame or
profile length.

Extended Life Profiles / Refrigerator seals based on Thermoplastic Elastomer (TPE)

A new material in which DSU has specialised in is SEBS based **Thermoplastic Elastomer (TPE)**. Since 2014 we have experience with the application of TPE for (magnetic) seals. Refrigerator seals made from TPE remain flexible at both low and high temperatures, ensuring the refrigeration compartment is sealed optimally and airtight. In addition, the service life of seals made of TPE is up to four times longer.

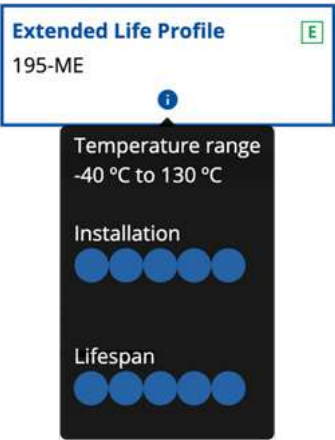
Over the years, more and more of the common refrigerator sealing profiles have been made available in TPE for our customers. The availability of material types per profile is shown in the product configurator. This meets customer demand for an optimum service life of refrigerator seals.

The sealing profiles made of TPE in our range have the suffix ME or AE (for example 195 ME and 500 AE). Profiles manufactured from TPE include, among others, the following distinguishing properties:

- Longer service life
- Temperature range from **-40 °C to 130 °C**
- More flexible material and therefore easier to install
- Less susceptible to drying out and/or degradation by fats
- Less susceptible to aggressive cleaning agents, including disinfectants

Extended Life profiles are the best choice for application in doors and drawers of equipment that are used intensively, but also for use in (shock) freezers, freezer room doors, hot holding cabinets, climate cabinets and in kitchens where restrictions on the use of water based cleaning agents are in force.

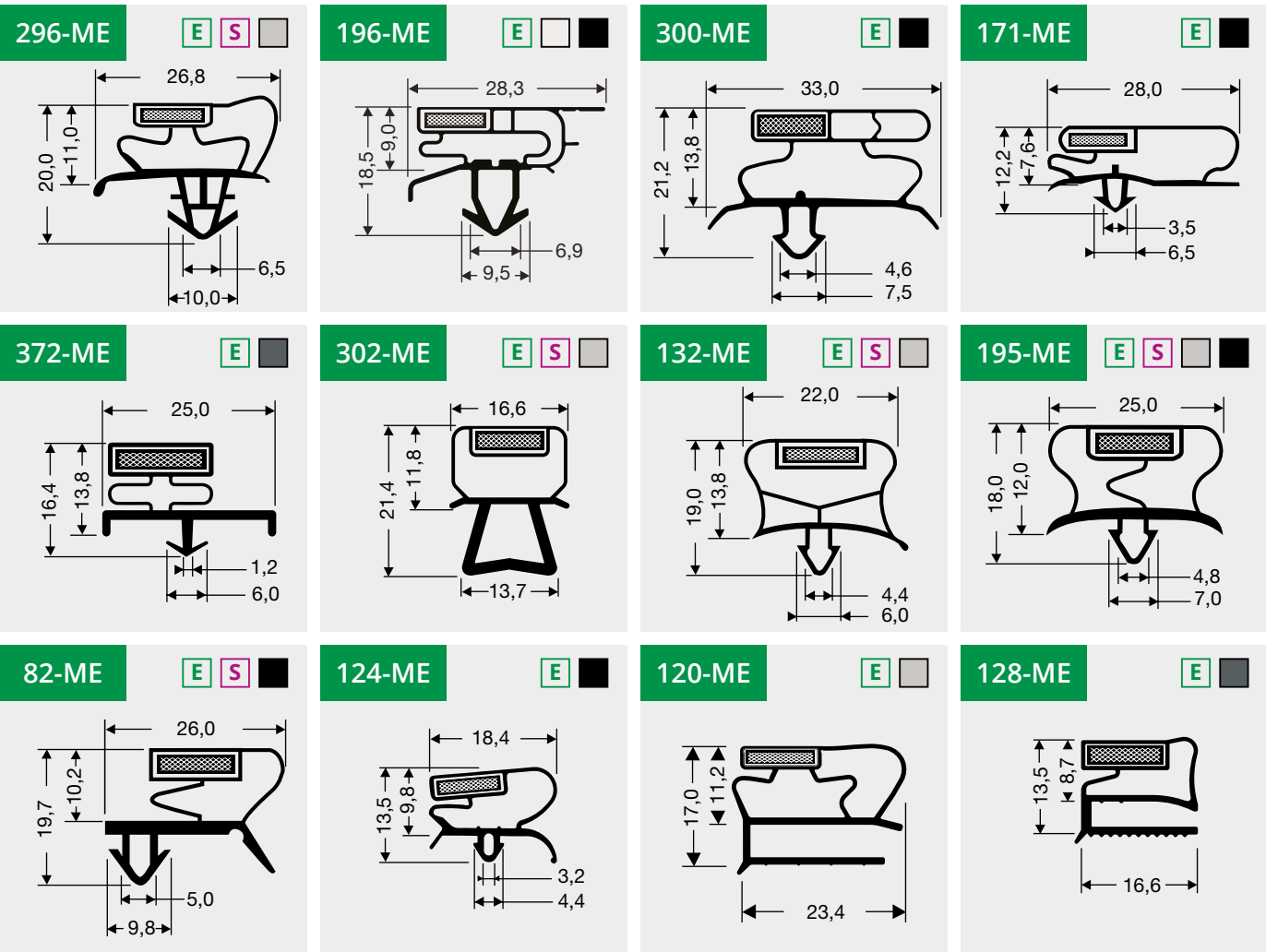
For more specific information about the properties of TPE when sealing climate controlled spaces in refrigeration technology and other applications, you can scan the **QR code** below.

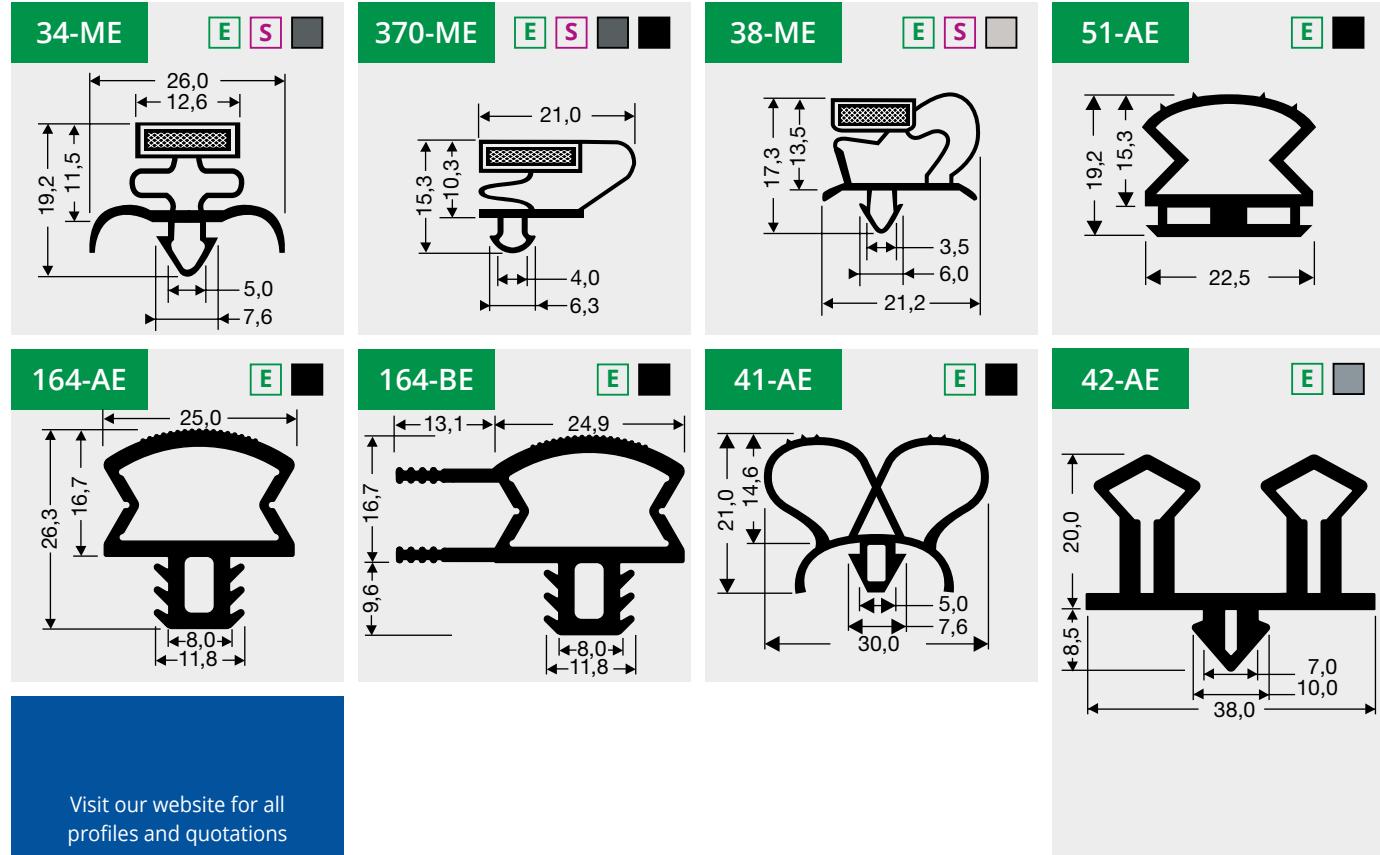
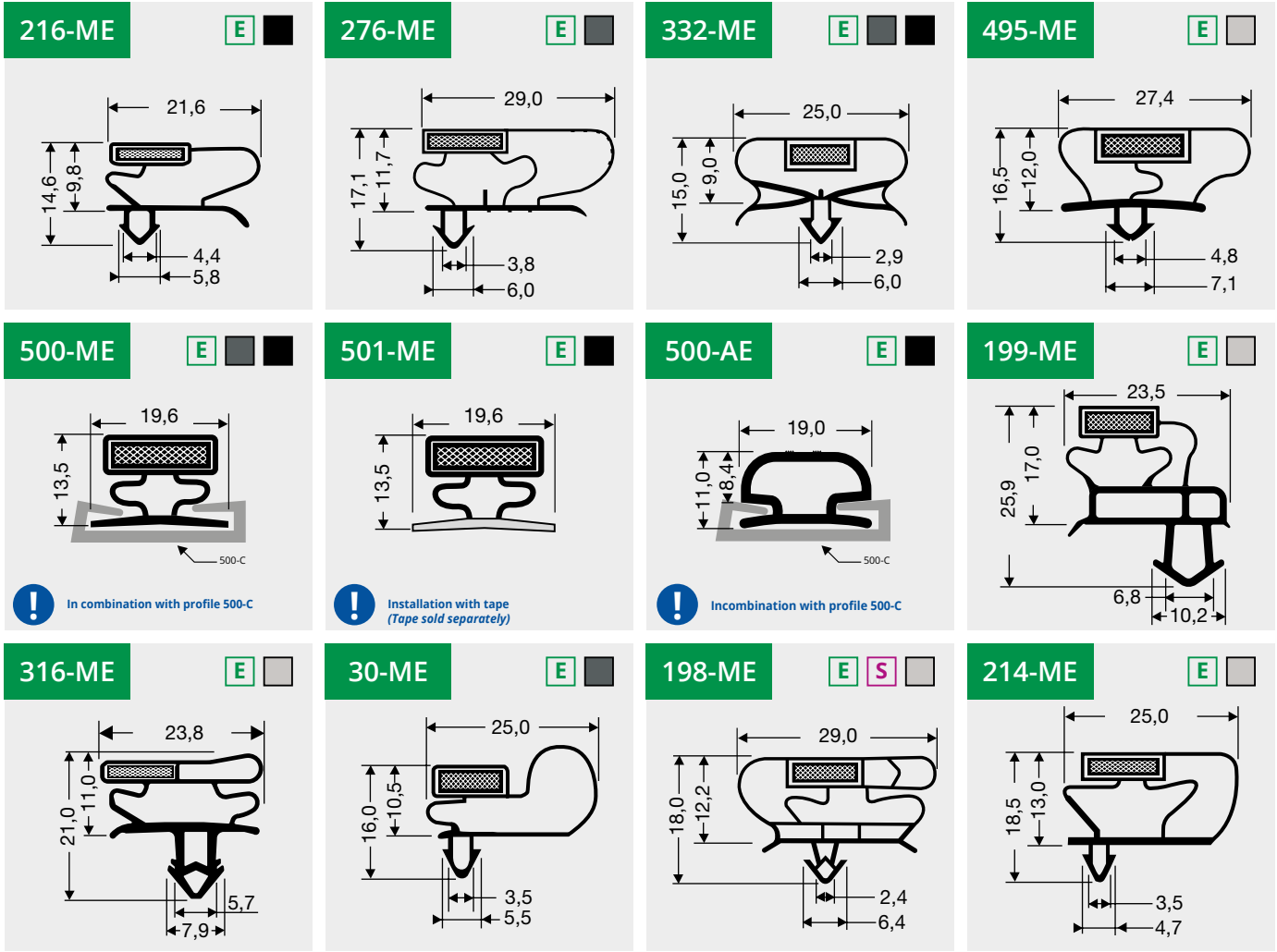


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