

Case Study

Oil filter wrench made of Durethan® DP BKV 60 H2.0 EF



Fig. 1 Oil filter wrench

MANN+HUMMEL is one of the world's leading companies in the development and production of oil filters.

Particularly where space is tight, fitting and removing these filters can be difficult. In such cases, the oil filter wrench shown in Fig. 1 is the ideal solution. It is placed like a large nut on the body of the filter and can then be turned either by hand or with the help of a torque wrench.

The nifty tool is made of Durethan® DP BKV 60 H2.0 EF, an easy-flow, highly reinforced grade of PA 6 containing 60 % glass fibers.

Compared with a cast aluminum version, the plastic wrench offers the following advantages:

- Energy-saving production
- Weight saving
- impact strength

Material: Durethan® DP BKV 60 H2.0 EF

Manufacturer: MANN+HUMMEL

Durethan® DP BKV 60 H2.0 EF also has the following important advantages for this application:

- Dimensional stability through low shrinkage and warpage
- Good flow properties
- High weld strength
- High mechanical resistance
- High stiffness
- Good chemical resistance
- Good surface quality

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Page 2 of 2 | Edition 03.12.2010 | CS TI 2009-012 EN

