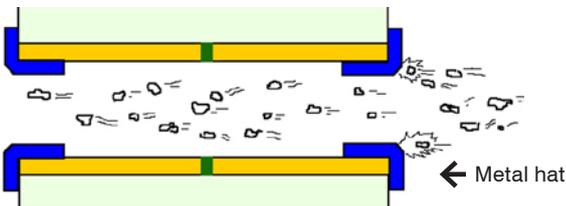


## Beyond Standard Our Answer For Your Requirements

Many applications can be served by magmeters. Some of these applications or process conditions are explicitly harsh and demanding, and require customized solutions.

### Metal hat grounding ring

Slurry applications include also the blow line service in pulp and paper industry. When the process temperature becomes rather high, the liner edge at the entrance to the flowtube tends to become soft. And with high density slurries, this edge is subject to abrasion.



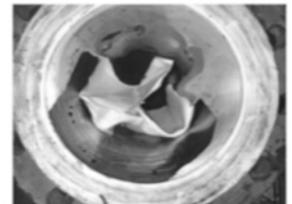
Metal hats have been designed to protect the liner edge and prolong flowtube lifespan. They are designed to precisely match the inner diameter. Different materials such as 316, Hastelloy-C\*, or titanium are available, suiting different process requirements.

When using metal hats with high temperature and/or abrasive slurry applications, they help to prolong the lifetime and reduce maintenance costs.



PFA liner with metal hat

Resistance to abrasion damage



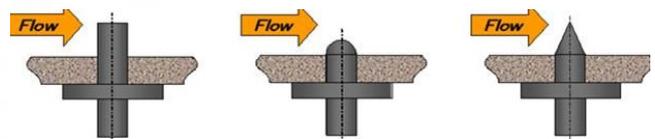
PTFE liner without metal hat

Abrasion damage can happen for several years in just a few months

### Custom designed electrodes

In some processes, adhesion and/or scaling can occur inside the flow tube. This scaling may be due to liquid characteristics. The electrode fouling causes measurement error. In the worst case, frequent maintenance may be necessary to ensure measurement accuracy.

These problems can be addressed by using custom designed electrodes with features such as cone extensions or hemispherical extensions.



\* Hastelloy is a registered trademark of Haynes