

Acetal Solid Rod/Mandrel

Acetal mandrels are used as a manufacturing aide for braid or coil reinforced catheter tubing



Mandrel Specifications

- Sizes range from 0.010" - 0.250"
- Tolerances \geq to ± 0.0005
 - Sizes under .101" are ± 0.0005
- Highly consistent diameter, roundness, and smooth surface for easy remove with low release force
- Optional Level Wind on Mandrels $> \varnothing 0.070$ "
 - Level winding maximizes the amount of material on the spool
 - Assists with consistent flow and improved process performance when unwinding the core during the braiding process
- Samples available upon request

Materials

- BASF Ultraform® (Acetal)
- Celanese Celcon M25 and M90
- BASF Ultraform® (Acetal) with silicone blend
- Celanese Silicone, Celcon LWSC90
 - Silicone mandrels provide enhanced frictional properties and significantly improved release characteristics results in a lower release force for catheter development

Spool Specifications

