
Subject: Re: Strange shape for the central part of beam pipe.
Posted by [Stefano Spataro](#) on Tue, 11 Aug 2009 14:22:05 GMT
[View Forum Message](#) <> [Reply to Message](#)

If you look in PndPipe, pipeCentral is not used as it is, but after some logical operations:

```
TGeoCompositeShape *pipeCross    = new TGeoCompositeShape("pipeCross",  
"(PIPE_CN+TRG_CN:r1) - (PIPEV_CN+TRGV_CN:r1)");  
TGeoCompositeShape *pipeVacuumCross = new  
TGeoCompositeShape("pipeVacuumCross", "PIPEV_CN+TRGV_CN:r1");
```

In practice, totally filled beam+target pipe minus totally filled beam+target vacuum.
There is no overlap, simply logical subtraction of the volumes.
