

AbstractTube

```
classDiagram
    class AbstractTube
    class SpecTube
    class Inside
    class TubeType
    AbstractTube <|-- SpecTube
    AbstractTube --> TubeType
    class Inside {
        <<inside SpecTube>>
    }
```

The diagram illustrates a class hierarchy and association. At the top is the **AbstractTube** class. Below it is the **SpecTube** class, which inherits from **AbstractTube** as indicated by a solid line with an open triangle arrow. To the right of **SpecTube** is a dashed box labeled **TubeType**, which **AbstractTube** is associated with via a dashed line. Below **SpecTube** is a box labeled **Inside**, which is nested within the **SpecTube** class.

SpecTube

TubeType

Inside