



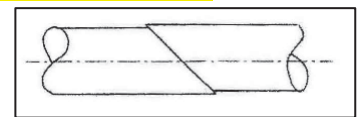
Comparing Square Cuts to Skive Cuts:

Square/Butt Joint (90°) :

- Area (A) .785 per 1 inch Dia.
- Circumference(C) 3.14 per 1 inch Dia.
- **Consistent quality** is obtained with **excellent axial alignment**.

Angle/Skive Joint (45°) :

- Area (A) 1.09 per 1 inch Dia. 39% more than Square cut.
- Circumference (C) 3.83 per inch Dia. 22% more than Square cut.
- Difficult to align cut ends axially and therefore **may lead to inconsistent bond quality**.
- **Irregular bond line** due to possible offset when bonding.
- When cutting cord lengths, care must be taken so that the rubber does not rotate, the angle cuts may not be directly opposite resulting in twisting of the finished bonded extrusion



Offset bond joint

