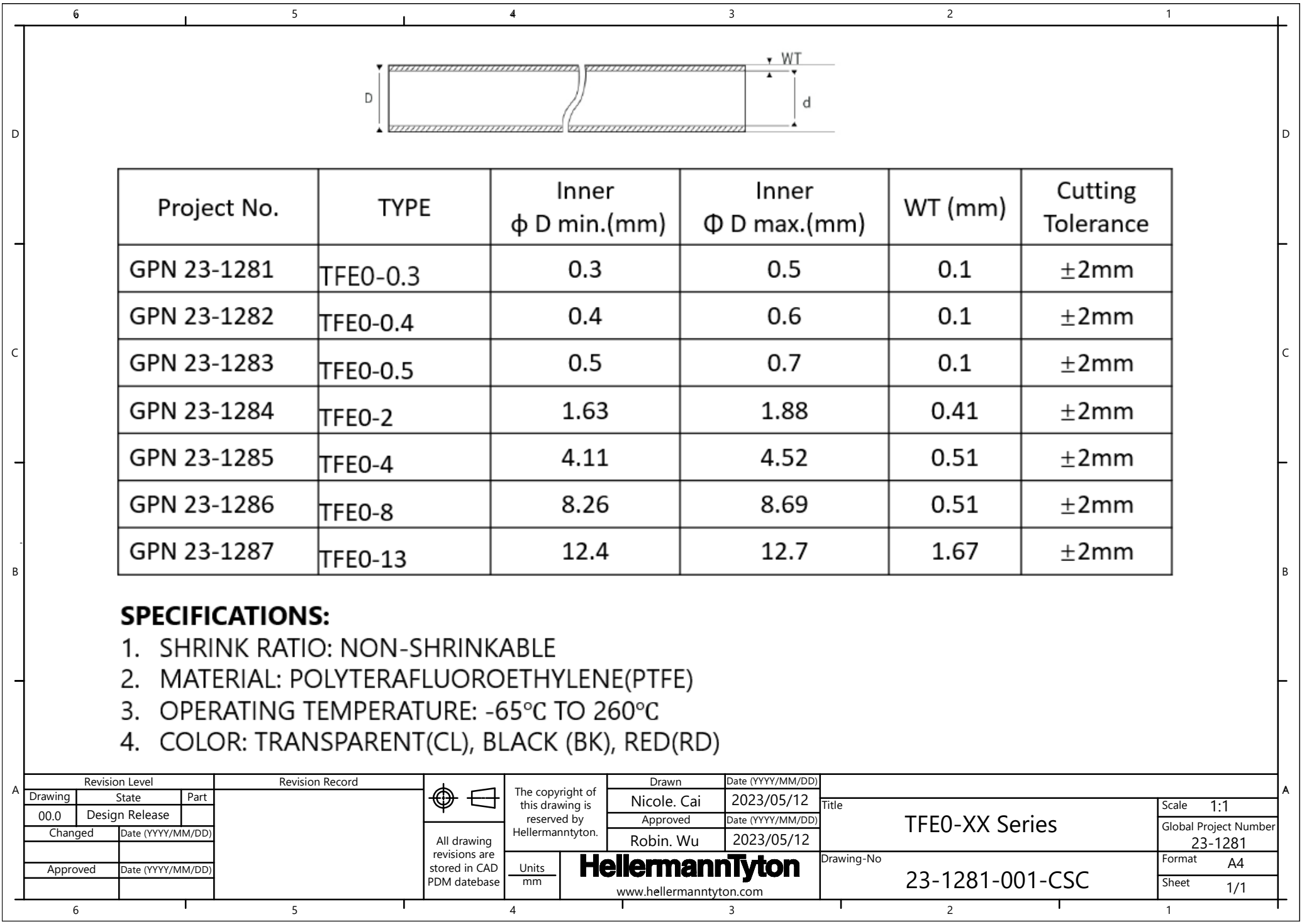




The diagram shows a cross-section of an O-ring. The outer diameter is labeled 'D', the inner diameter is labeled 'd', and the thickness is labeled 'WT'. A break symbol is shown in the center of the ring.

| Project No. | TYPE     | Inner<br>ϕ D min.(mm) | Inner<br>Φ D max.(mm) | WT (mm) | Cutting<br>Tolerance |
|-------------|----------|-----------------------|-----------------------|---------|----------------------|
| GPN 23-1281 | TFE0-0.3 | 0.3                   | 0.5                   | 0.1     | ±2mm                 |
| GPN 23-1282 | TFE0-0.4 | 0.4                   | 0.6                   | 0.1     | ±2mm                 |
| GPN 23-1283 | TFE0-0.5 | 0.5                   | 0.7                   | 0.1     | ±2mm                 |
| GPN 23-1284 | TFE0-2   | 1.63                  | 1.88                  | 0.41    | ±2mm                 |
| GPN 23-1285 | TFE0-4   | 4.11                  | 4.52                  | 0.51    | ±2mm                 |
| GPN 23-1286 | TFE0-8   | 8.26                  | 8.69                  | 0.51    | ±2mm                 |
| GPN 23-1287 | TFE0-13  | 12.4                  | 12.7                  | 1.67    | ±2mm                 |

**SPECIFICATIONS:**

- SHRINK RATIO: NON-SHRINKABLE
- MATERIAL: POLYTERAFLUOROETHYLENE(PTFE)
- OPERATING TEMPERATURE: -65°C TO 260°C
- COLOR: TRANSPARENT(CL), BLACK (BK), RED(RD)

| Revision Level |                   |      | Revision Record |                                                      |           | The copyright of this drawing is reserved by HellermannTyton. | Drawn          | Date (YYYY/MM/DD)             | Title           | Scale 1:1 |
|----------------|-------------------|------|-----------------|------------------------------------------------------|-----------|---------------------------------------------------------------|----------------|-------------------------------|-----------------|-----------|
| Drawing        | State             | Part |                 |                                                      |           |                                                               | Nicole. Cai    | 2023/05/12                    |                 |           |
| 00.0           | Design Release    |      |                 | All drawing revisions are stored in CAD PDM database | Approved  | Date (YYYY/MM/DD)                                             | TFE0-XX Series | Global Project Number 23-1281 |                 |           |
| Changed        | Date (YYYY/MM/DD) |      |                 |                                                      | Robin. Wu | 2023/05/12                                                    |                |                               |                 |           |
| Approved       | Date (YYYY/MM/DD) |      |                 |                                                      |           |                                                               |                |                               |                 |           |
|                |                   |      |                 |                                                      | Units mm  | <b>HellermannTyton</b><br>www.hellermannTyton.com             | Drawing-No     |                               | 23-1281-001-CSC | Format A4 |
|                |                   |      |                 |                                                      |           |                                                               |                |                               | Sheet 1/1       |           |

[illegible]

- | Project No. | TYPE     | Inner<br>ϕ D min.(mm) | Inner<br>Φ D max.(mm) | WT (mm) | Cutting<br>Tolerance |
|-------------|----------|-----------------------|-----------------------|---------|----------------------|
| GPN 23-1281 | TFE0-0.3 | 0.3                   | 0.5                   | 0.1     | ±2mm                 |
| GPN 23-1282 | TFE0-0.4 | 0.4                   | 0.6                   | 0.1     | ±2mm                 |
| GPN 23-1283 | TFE0-0.5 | 0.5                   | 0.7                   | 0.1     | ±2mm                 |
| GPN 23-1284 | TFE0-2   | 1.63                  | 1.88                  | 0.41    | ±2mm                 |
| GPN 23-1285 | TFE0-4   | 4.11                  | 4.52                  | 0.51    | ±2mm                 |
| GPN 23-1286 | TFE0-8   | 8.26                  | 8.69                  | 0.51    | ±2mm                 |
| GPN 23-1287 | TFE0-13  | 12.4                  | 12.7                  | 1.67    | ±2mm                 |

**SPECIFICATIONS:**

  - SHRINK RATIO: NON-SHRINKABLE
  - MATERIAL: POLYTERAFLUOROETHYLENE(PTFE)
  - OPERATING TEMPERATURE: -65°C TO 260°C
  - COLOR: TRANSPARENT(CL), BLACK (BK), RED(RD)

The technical drawing shows a cross-section of an O-ring. The outer diameter is labeled 'D', the inner diameter is labeled 'd', and the thickness is labeled 'WT'. A break symbol is shown in the center of the O-ring, indicating it is a continuous loop.

| Revision Level |                   |      | Revision Record |  | Drawn       |                   | Date (YYYY/MM/DD) | Title          |  | Scale                 |  |
|----------------|-------------------|------|-----------------|--|-------------|-------------------|-------------------|----------------|--|-----------------------|--|
| Drawing        | State             | Part |                 |  | Nicole. Cai | 2023/05/12        |                   | TFE0-XX Series |  | 1:1                   |  |
| 00.0           | Design Release    |      |                 |  | Approved    | Date (YYYY/MM/DD) |                   |                |  | Global Project Number |  |
| Changed        | Date (YYYY/MM/DD) |      |                 |  | Robin. Wu   | 2023/05/12        |                   |                |  | 23-1281               |  |
|                |                   |      |                 |  |             |                   |                   |                |  | Format                |  |
|                |                   |      |                 |  |             |                   |                   |                |  | A4                    |  |
|                |                   |      |                 |  |             |                   |                   |                |  | Sheet                 |  |
|                |                   |      |                 |  |             |                   |                   |                |  | 1/1                   |  |

All drawing revisions are stored in CAD PDM database

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Units mm

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Drawing-No 23-1281-001-CSC

[illegible]