



A division of CSA Technical Solutions, LLC  
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## [Kynar PVDF Semi-Rigid 2:1 Heat Shrink Tubing](#)

PolyVinylidene Fluoride (PVDF) is a chemical compound used in high temperature applications. It also has outstanding chemical resistance and superior cut-through resistance to almost all heat shrink materials. Maximum continuous operating temperatures can range from 150-175°C

PVDF Heat shrink tubing is available in two types: flexible PVDF (150°C), and a semi-rigid material sold under the tradename Kynar (175°C).

Features:

- Continuous operating temperature 347°F
- Superior chemical and aging resistance
- UV and gamma ray stable · Flame rating: UL94V0 and VW-1 · Plenum rated material · Only Teflon (PTFE) has a lower coefficient of friction
- Semi-Rigid PVDF has AMS-DTL-23053/8 (formerly MIL-I-23053) approval

### Dimension

| Mil Spec # | ID      |                  |                 | Wall            |
|------------|---------|------------------|-----------------|-----------------|
|            | Nominal | Before Shrinking | After Shrinking | After Shrinking |
| 001-C      | 3/64"   | 0.047"           | 0.023"          | 0.007"          |
| 002-C      | 1/16"   | 0.063"           | 0.031"          | 0.007"          |
| 003-C      | 3/32"   | 0.094"           | 0.046"          | 0.010"          |
| 004-C      | 1/8"    | 0.125"           | 0.062"          | 0.010"          |
| 005-C      | 3/16"   | 0.188"           | 0.093"          | 0.010"          |
| 006-C      | 1/4"    | 0.251"           | 0.125"          | 0.010"          |
| 007-C      | 3/8"    | 0.377"           | 0.0187"         | 0.011"          |
| 008-C      | 1/2"    | 0.503"           | 0.250"          | 0.011"          |
| 009-C      | 3/4"    | 0.759"           | 0.375"          | 0.014"          |
| 010-C      | 1"      | 1.000"           | 0.500"          | 0.016"          |