



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 its cut-through resistance is superior to that of 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). We carry both types, which conform to either AMS-DTL-23053/18 Class 2 (flexible PVDF) or AMS-DTL-23053/8 (Kynar).

Features:

- Continuous operating temperature 302°F (150°C or 175°C)
- 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
- Flexible PVDF has AMS-DTL-23053/18 Class 2 (formerly MIL-I-23053) approval
- Semi-Rigid PVDF has AMS-DTL-23053/8 (formerly MIL-I-23053) approval

Dimensions

Part Number	Manufacturer Part#	Mil Spec #	Diameter	Before Shrink	After Shrink
HSK-0047	HSK-0047	AMS-DTL-23053/8-001	3/64"	0.047"	0.023"
HSK-0063	HSK-0063	AMS-DTL-23053/8-002-C	1/16"	0.063"	0.031"
HSK-0094	HSK-0094	AMS-DTL-23053/8-003-C	3/32"	0.094"	0.046"
HSK-0125	HSK-0125	AMS-DTL-23053/8-004-C	1/8"	0.125"	0.062"
HSK-0188	HSK-0188	AMS-DTL-23053/8-005-C	3/16"	0.188"	0.093"
HSK-025	HSK-025	AMS-DTL-23053/8-006-C	1/4"	0.251"	0.125"
HSK-0375	HSK-0375	AMS-DTL-23053/8-007-C	3/8"	0.377"	0.187"
HSK-050	HSK-050	AMS-DTL-23053/8-008-C	1/2"	0.503"	0.25"
HSK-075	HSK-075	AMS-DTL-23053/8-009-C	3/4"	0.759"	0.375"
HSK-100	HSK-100	AMS-DTL-23053/8-010-C	1"	1"	0.5"
HSK-150	HSK-150	AMS-DTL-23053/8-011-C	1.5"	1.5"	0.75"