

Materials
For Industry

TFS-HS

Features

- High temperature, chemical resistant
- Continuous operating temperature -75° to 260°C
- Superior dielectric strength

Applications

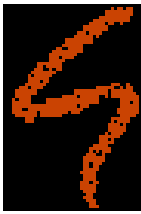
Ideal insulator where harsh environments are present. Over-expansion for a greater size coverage and thinner recovered wall thickness.



**2:1 Ratio PTFE
Standard Wall**

2:1 RATIO PTFE AWG HEAT SHRINK TUBING				
PART NUMBER	MIN EXPANDED ID	MAX RECOVERED ID	RECOVERED WALL THICKNESS	M23053/12-
3224TFS-HS	.050"	.027"	.012"	201
3222TFS-HS	.055"	.032"	.012"	202
3220TFS-HS	.060"	.039"	.016"	203
3219TFS-HS	.065"	.043"	.016"	204
3218TFS-HS	.076"	.049"	.016"	205
3217TFS-HS	.085"	.054"	.016"	206
3216TFS-HS	.093"	.061"	.016"	-
3215TFS-HS	.110"	.067"	.016"	207
3214TFS-HS	.120"	.072"	.016"	208
3213TFS-HS	.140"	.080"	.016"	210
3212TFS-HS	.150"	.089"	.016"	211
3211TFS-HS	.170"	.101"	.016"	212
3210TFS-HS	.191"	.112"	.016"	213
329TFS-HS	.205"	.124"	.020"	214
328TFS-HS	.240"	.141"	.020"	216
327TFS-HS	.270"	.158"	.020"	217
326TFS-HS	.302"	.178"	.020"	218
325TFS-HS	.320"	.198"	.020"	219
324TFS-HS	.370"	.249"	.020"	220
323TFS-HS	.390"	.249"	.020"	221
322TFS-HS	.430"	.278"	.020"	223
321TFS-HS	.450"	.311"	.020"	224
320TFS-HS	.470"	.347"	.020"	225

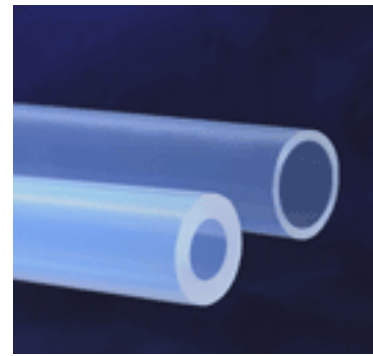
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TFS-HS4:1

Features

- High temperature, chemical resistant
- 4:1 Shrink ratio for greater dimensional coverage
- Continuous operating temperature -75° to 260°C
- Superior dielectric strength



**4:1 Ratio PTFE
Heat Shrink Tubing**

Applications

Ideal insulator where harsh environments are present. Over-expansion for a greater size coverage and thinner re-covered wall thickness.

4:1 RATIO PTFE HEAT SHRINK TUBING				
PART NUMBER	MIN EXPANDED ID	MAX RECOVERED ID	RECOVERED WALL THICKNESS	M23053/12-
325/64TFS-HS4.1	.078"	.025"	.009"	501
321/8TFS-HS4.1	.125"	.037"	.010"	502
323/16TFS-HS4.1	.188"	.050"	.012"	503
321/4TFS-HS4.1	.250"	.063"	.012"	504
325/16TFS-HS4.1	.323"	.078"	.012"	505
323/8TFS-HS4.1	.375"	.096"	.012"	506
327/16TFS-HS4.1	.438"	.112"	.015"	507
321/2TFS-HS4.1	.500"	.144"	.015"	508
325/8TFS-HS4.1	.625"	.178"	.015"	510
323/4TFS-HS4.1	.750"	.224"	.015"	512
327/8TFS-HS1.4	.875"	.244"	.015"	513
321TFS-HS4.1	1.00"	.278"	.015"	514
321-1/4TFS-HS4.1	1.25"	.347"	.015"	515

Technical Data

Electrical

Dielectric Strength 14000 V/Mil

Chemical

Fluid Resistance Excellent
 Copper Corrosion No Corrosion
 Water Absorption 0%
 Fungus Resistance No Growth

Physical

Tensile Strength 3000 psi
 Elongation 500%
 Longitudinal Change + /-20%
 Flammability Self-Extinguishing
 Shrink Temp 662°F/350°C for 10min

Specifications

AMS-DTL-23053/12 CLASS 5
 ASTM D2902 TYPE 1
 AMS 3584

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