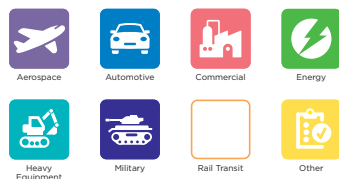


Rapid reference

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SM3-41

Overexpanded Polyolefin

4:1 Shrink Ratio

Applications:

- Wire identification
- Wire protection
- Fluid resistance
- Strain relief
- Abrasion Protection
- Retrofit

Product Features:

- 4:1 shrink ratio
- Operating temperature range -55°C to +135°C and up to 200°C for short durations
- Continuous design for cut-to-length requirements and cost savings
- Colors - white, black.



Specifications:

SAE AS23053/5, Class 1
Overexpanded



Required Printer & Ribbon:

Printer - Sumimark™ IV PLUS
Marking System
Ribbon - Sumimark™ SM3

Print Performance:

Adherence: SAE-AS5942
MIL-STD-202G, Method 215
Store in original packaging

Product Overview

Quality counts! Sumimark™ SM3-41, 4:1 heat shrink tubing is an overexpanded, markable product, manufactured to the highest quality controls and manufacturing standards. Perfect for retrofitting, large repairs, or fitting over existing connector without depinning.

Lower cost! Due to open and continuous design, SM3-41 provides significantly lower installation cost versus pre-cut formats.

How can we help? Contact us for more information:

800 758 3515
customerservice@seipusa.com
www.seipusa.com

Technical Specifications:

- SAE AS23053/5, Class 1
Overexpanded
- RoHS/RoHS 2 Compliant

SM3-41

Overexpanded Polyolefin 4:1 Shrink Ratio

	Property	Test Method	Requirement
	Tensile strength (psi)	ASTM D 638	1500 min.
	Elongation (%)	ASTM D 638	200 min.
	Specific gravity	ASTM D 792	1.35 max.
	Low temperature flex (-55°C)	AMS-DTL-23053	no cracking
	Heat shock (250°C, 4 hrs.)	AMS-DTL-23053	no cracking
	Heat resistance (175°C, 168 hrs)		
	Secant modulus (psi)	ASTM D 882	2.5 x 10 ⁴ max.
	Longitudnal change (%)	AMS-DTL-23053	+5, -15
Electrical	Dielectric strength (volts/mil)	ASTM D 876	500 min.
	Volume resistivity (ohm-cm)	ASTM D 876	1.0 x 10 ¹⁴ min.
Chemical	Corrosion (175°C, 16 hrs.)	AMS-DTL-23053	no corrosion
	Water absorption (%)	ASTM D 570	0.5 max.
	Fluid resistance (23°C, 24 hrs.)		
	Tensile strength (psi)	AMS-DTL-23053	1000 min.
	Flammability	UL 224 VW-1	Pass
	Shrink temperature, nominal		90°C
Print Adherence	Abrasion (eraser method)	SAE AS5942	20 rubs
	Fluid Resistance:	MIL-STD-202G, Method 215	
	Isopropyl Alcohol/Mineral Spirits Blend		10 rubs (x3)
	Terpene Defluxer		10 rubs (x3)
	H ₂ O/PGME/Monoethanolamine		10 rubs (x3)
	UV Resistance:	720 hrs. xenon arc lamp exposure	marks legible

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Product insight

Rev. A, May 2022

Standard Sizes:

Please see table to the right for standard sizes. Custom sizes and colors are available with minimum order quantities.

Standard Colors:

White, black.

Dimensional Information:

Please refer to diagram to the right for dimensions.

Standard Package:

Continuous, spooled. Feet.

How to order:

Example: SM3-41, 3/4", White

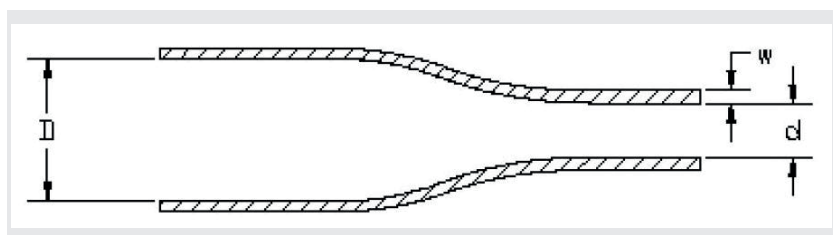
SM3-41

Overexpanded Polyolefin 4:1 Shrink Ratio

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Size	ID Min (as supp.)		ID Max (after recov.)		Wall Thickness Nom (after recov.)		Packaging (per spool)
inch	inch	mm	inch	mm	inch	mm	ft
3/4*	0.750	19.1	.180	4.6	.045	1.14	200
1	1.000	25.4	.260	6.6	.045	1.14	200
1.5*	1.500	38.1	.375	9.5	.045	1.14	200
2	2.000	50.4	.550	14.0	.045	1.14	200

* Non-mil spec sizes



Type of material

SM3-41

Size

3/4

Color

White

Packaging

Spool

We can help: 800 758 3515

customerservice@seipusa.com

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