



Strand Cable Marker

521 N. Great Southwest Pkwy.
Arlington, TX 76011 USA
P: (817) 640-0992
F: (817) 633-3131
www.acpinternational.com

Part

SSM414, SSM438, SSM412, SSM612

Technical Data Sheet



Part No.	Base Color	Panel Size	Print Area	Description
SSM414BK	Black	4"W x 2"H	3.75" W x 1.5" Reflective Decal	Fits 1/4"
SSM438BK	Black	4"W x 2"H	3.75" W x 1.5" Reflective Decal	Fits 3/8"
SSM412BK	Black	4"W x 2"H	3.75" W x 1.5" Reflective Decal	Fits 1/2"
SSM612BK	Black	6"W x 2"H	5.75" W x 1.5" Reflective Decal	Fits 1/2"

Technical Description, Design, and Material

Strand Cable Marker is made from thermoplastic elastomer (TPE) / Polypropylene for maximum UV stability. Marker is warranted for 7 years.

Features an engineering-grade reflective decal applied directly to the marker for high visibility under both ambient and low-light conditions

Mechanical Properties

Property	ASTM Standard	Rating
Melt Index (g/10 min)	D1238	.250-.300
Density	D1505	.950-.955
Tensile Strength (@ 2 in./min)	D638 (with type IV specimen)	
Yield (PSI)		125,000
Elongation (%)		>800
1% Secant Modulus of Elasticity (PSI)	D638	120,000
Flexural Stiffness (PSI)	D747	125,000
Torsional Stiffness	D1043	45,000
Low Temperature Brittleness (°C)		< -76°
Moisture Vapor Transmission Rate (g-mil/100 sq. in.24 hr. @ 37.8C)	E96	.3
Water Absorption/24 hr.	D570	nil
Harness, Shore D	D2240	65
IZOD Impact Strength @ Room Temp (Ft. lb./in.)	D256	6.3
Flexural Modulus @ 1% Secant	D790	165,000
Heat Deflection Temp. @ 66 PSI (°C)	D648	73
VICAT Softening Temp. (°C)	D1525	122
Tensile Impact Strength (Ft. lb./in.)	D1822	110
Specific Gravity		.88-.92

Special Properties

Build America, Buy America (BABA) Compliance and the American Iron and Steel (AIS) requirements:

The general categories of Utility Infrastructure Marking Products by ACP International, Inc., dba or branded as ACP International, SA-SO, Capital StreetScapes, Concrete Graphics, and Stonehouse Signs, is compliance with BABA. Regarding steel content, this product is made primarily of components other than steel. The total steel content falls under the De Minimis waiver of the AIS requirements.

IMPORTANT NOTICE: ACP International trusts that the user of the product has the most accurate knowledge of how the product is most efficiently or safely utilized in any given application.. ACP is not liable for any loss or damage to the product (or any other product, employee, or building from which the product might come into direct or indirect contact) resulting from an intentional or unintentional mishandling of the product.

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Drawn By:
Jim Rollins

Approved By:
ACP Marketing

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