



SUBMITTAL SHEET (effective 06/21/07)

SCE42 Tubular/Profile Products

Physical Properties

Polymer	PVC/NBR/CR	
Color	Black	
Classifications		
ASTM D 1056-68		SCE42
ASTM D 1056-77		RE 42, B2, E1
ASTM D 1056-00		2C2
Suffix Requirements		B2, C1, F1, M
1. 25% Compression Resistance (psi)	ASTM D 1056	5.0 – 9.0
2. 50% Compression Set (%)	ASTM D 1056	25 max.
3. "00" Durometer Compression Deflection	ASTM D 2240	45 to 65
4. Density (lb/ft ³)	ASTM D 1056	12.0 to 16.0
5. Tensile (psi)	ASTM D 412	90 min.
6. Elongation (%)	ASTM D 412	110 min.
7. Flammability (1)		
FMVSS302	0 Burn Rate	Pass
Maximum OD (in)		3.5"
Maximum Wall (in)		1.0"
Temp Range* (°F)		-40 to 220

(1) Flammability – This item and any corresponding data refer to typical performance in the specific test indicated and should not be construed to imply this material's behavior in other fire conditions.

*General recommendation based on polymer type. Please contact Technical Department for specific application requirements.

NBR = Acrylonitrile Butadiene Ruber
PVC = Polyvinyl Chloride
CR = Chloroprene (Neoprene®)
Other sizes may be available. Please contact Customer Service.

Note: SAEJ 18 is equivalent to ASTM D 1056.

For updates to this document please refer to our website.

Armacell provides this information as a technical service. To the extent the information is derived from sources other than Armacell, Armacell is substantially, if not wholly, relying upon the other source(s) to provide accurate information. Information provided as a result of Armacell's own technical analysis and testing is accurate to the extent of our knowledge and ability, using effective standardized methods and procedures. Each user of these products, or information, should perform their own tests to determine the safety, fitness and suitability of the products, or combination of products, for any foreseeable purposes, applications and uses by the user and by any third party to which the user may convey the products. Since Armacell cannot control the end use of this product, Armacell does not guarantee that the user will obtain the same results as published in this document. The data and information is provided as a technical service, and the data and information are subject to change without notice.

Armacell LLC • 1004 Keisler Road • Conover NC 26813
email: info.us@armacell.com • www.armacell.com

Conover, NC • 800-992-9116 • fax: 828-465-3199
Mebane, NC • 800-973-0490 or 919-304-3846 ext 3972 • fax: 919-304-3847

© 2007 Armacell LLC

SCE42	01	06	07	NA	NA
-------	----	----	----	----	----

ALL ARMACELL FACILITIES IN NORTH AMERICA ARE
ISO 9001:2000 OR ISO/TS 16949:2002 CERTIFIED