ENGINEERED FOR VERSATILITY

EnsoLine® 550 Grip

Closed cell NBR/PVC blended rubber tube / rod / profile

// ASTM D 1056 2A1 / 2C1
// Oil and fuel resistant
// Color black

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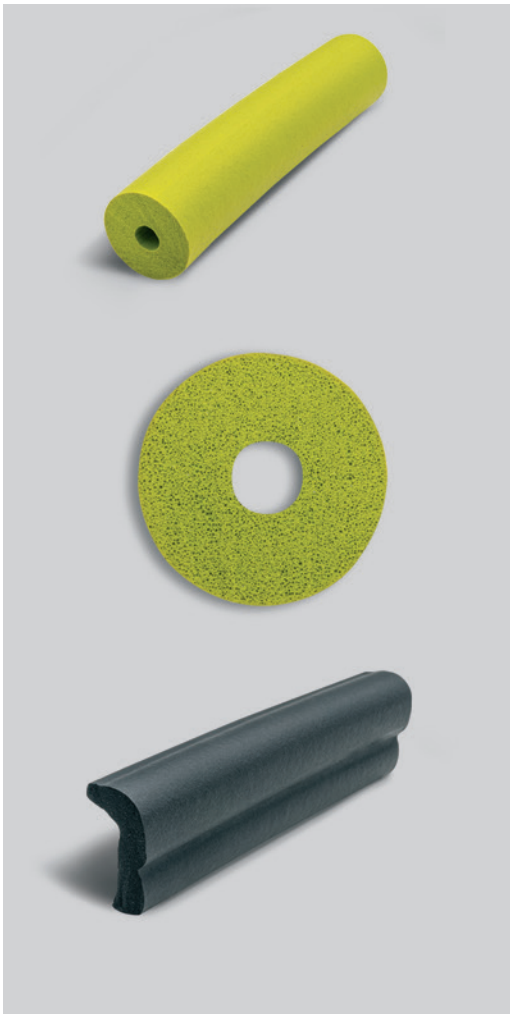

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ENSOLINE® 550 GRIP | Closed cell NBR/PVC blended rubber tube / rod / profile

EnsoLine 550 Grip: Armacell (Conover, NC Plant) manufactures a black, closed cell, 4 - 7 lb/ft³ (64 - 112 kg/m³) density, NBR / PVC blended rubber tube / rod / profile product 550 Grip, that meets the requirements of ASTM D 1056 2A1 / 2C1. 550 Grip meets the horizontal burn / flame requirements of FMVSS 302 at 0.500" (1/2") (12.7 mm) & higher.

TECHNICAL DATA SHEET | TUBE / ROD / PROFILE (effective 11/2/2021)

POLYMER: NBR/PVC

Physical Property		Test Method	Unit	Value
ASTM D 1056 Designation		–	–	2A1 / 2C1
Cell Structure		–	–	Closed
Color		–	–	Black
Compression Deflection 25%		ASTM D 1056	psi kPa	2 - 5 13.8 - 34.5
Compression Deflection 25%, after Heat Aging		ASTM D 1056	%	± 30
Compression Set (Room temp)		ASTM D 1056	%	25 max
Density		ASTM D 1056	lb/ft³ kg/m³	4 - 7 64.1 - 112.1
Elongation		ASTM D 412 (Die A)	%	100 min
Flammability		FMVSS 302	in mm	0.500 and higher 12.7 and higher
Fluid Immersion		ASTM D 1056	%	250 max
Hardness, Durometer Shore 00		ASTM D 2240	–	35 - 55
Service Temperature	Low	ASTM D 1056	°F °C	-40 -40
	High Intermittent	_	°F °C	200 93.3
Tear Strength		ASTM D 624 (Die C)	lb/in kN/m	12 min 2.1 min
Tensile Strength		ASTM D 412 (Die A)	psi kPa	50 min 345 min
Water Absorption		ASTM D 1056	%	5 max

EnsoLine 550 | DataSheet | 112022 | NA | EN-A

ABOUT ARMACELL

As the inventors of flexible foam for equipment insulation and a leading provider of engineered foams, Armacell develops innovative and safe thermal, acoustic and mechanical solutions that create sustainable value for its customers. Armacell's products significantly contribute to global energy efficiency making a difference around the world every day. With 3,100 employees and 26 production plants in 18 countries, the company operates two main businesses, Advanced Insulation and Engineered Foams. Armacell focuses on insulation materials for technical equipment, high-performance foams for high-tech and lightweight applications and next generation aerogel blanket technology.

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