

EXPANDABLE SLEEVING

EXTENDO[®] N66



Extendo[®] N66

PRODUCT HIGHLIGHTS



Operating Temperature
-45°C to 150°C



Abrasion Resistance



RoHS/REACH Compliant



Halogen Free



Excellent Cut-Through
Protection



Self-Extinguishing

Atkins & Pearce's Extendo[®] N66 is an extremely tough expandable sleeving with a polyamide 6.6 monofilament construction. It is uniquely resistant to gasoline and automotive chemicals. In addition, this sleeving is highly flexible and capable of protecting a wide range of varying diameters.

Extendo[®] N66 is rated to 150°C and is known for its resistance to various solvent-based fluids. Typical applications are protection for hoses, tubings, and wire harnesses.

Below is a complete list of Atkins & Pearce's Extendo[®] N66 parts. For more information or to discuss the use of Extendo[®] N66 in your specific application, please contact our technical sales department by phone or email.

SIZE	EXPANSION RATIO
1/8 INCH	3/32 INCH -- 9/32 INCH
1/4 INCH	1/8 INCH -- 11/32 INCH
3/8 INCH	3/16 INCH -- 19/32 INCH
1/2 INCH	1/4 INCH -- 23/32 INCH
3/4 INCH	1/2 INCH -- 1-3/32 INCH
1 INCH	5/8 INCH -- 1-3/8 INCH
1-1/4 INCH	3/4 INCH -- 1-25/32 INCH
1-1/2 INCH	1 INCH -- 2-1/4 INCH
2 INCH	1-1/2 INCH -- 3 INCH

Atkins&Pearce

EXTENDO[®] N66

Performance Metrics

PROPERTY	TEST	RESULT
MONOFILAMENT DIAMETER	ASTM D-204	0.010 IN.
TENSILE STRENGTH	ASTM D-2256	4.5 LBS
SPECIFIC GRAVITY	ASTM D-792	1.14
MOISTURE ABSORPTION	ASTM D-570	2.50%
LIMITING OXYGEN INDEX	ASTM D-2863	22
TML	ASTM E-595 @ 10-5 TORR	1.10%
CVCM		0.01%
WVR		0.69%

Chemical Resistance

SOLVENTS	NO EFFECT	LITTLE EFFECT	MODERATE EFFECT	GREATER EFFECT	SEVERE EFFECT
ALIPHATIC SOLVENTS	4	0	0	0	0
AROMATIC SOLVENTS	4	0	0	0	0
CHLORINATED SOLVENTS	4	0	0	0	0
DE-ICING FLUID	4	0	0	0	0
ESTERS/KETONES	4	0	0	0	0
FUNGUS	4	2	0	0	0
HYDRAULIC FLUID	4	0	0	0	0
LUBE OIL	4	0	0	0	0
PETROLEUM	4	2	2	2	0
SALT WATER	4	0	0	0	0
SALTS	4	0	0	0	0
STRONG ACIDS	4	2	2	2	2
STRONG BASES	4	2	0	0	0
STRONG OXIDANTS	4	2	2	2	2
UV LIGHT	4	2	0	0	0
WEAK BASES	4	0	0	0	0

Thermals

MELT POINT	MAXIMUM CONTINUOUS
493°F / 256°C	302°F / 150°C
OPERATING TEMPERATURE	MINIMUM CONTINUOUS
-94°F / -45°C TO 302°F / 150°C	-94°F / -45°C

Contact Us

1.800.837.7477 | info@atkinsandpearce.com
www.atkinsandpearce.com

One Braid Way, Covington, KY 41017
 United States of America

Atkins&Pearce