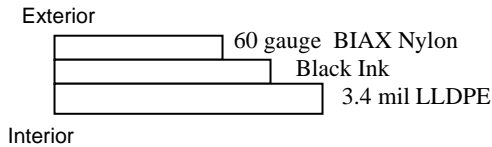


NP400 K**FILM DATA SHEET**

Shannon Packaging Company
 14375 Telephone Ave.
 Chino, CA 91710
 Phone: (909) 591-8768 Fax:
 (909) 591-1409
 SPC324R2.06.19.18

Physical Description:

4mil Black BIAx Nylon/Poly laminated barrier film

Application:

NP400K is a very strong Black material designed for tough food and industrial applications. It's high nylon content enables it to be used in critical vacuum applications that require strength and impact resistance. This FDA approved film does not stretch due to the orientation of layers during the laminating process.

Converting:

It can be converted in many ways: 2-seal pouch, 3-seal pouch, side gusset, stand up pouch and tubing. Features include: recloseable zipper, tear notch, round hang hole, and sombrero hang hole. The NP400K can also be surface printed or reverse-trapped printed. It is available in web widths to 60"

Physical Properties:

PROPERTIES	TEST METHOD	UNIT OF MEASURE	TYPICAL VALUE
Caliper		mils	4.0
Yield		sq.In/Lb	7,700
MVTR	Mocon	gms/100 sq. in./24 hrs	.8
OTR	Mocon	cc/100 sq. in./24 hrs	4.8
Burst	Mullen	psi	55
Tensile MD	ASTM D-882	lbs. at break	18
Tensile XMD	ASTM D-882	lbs. at break	21
Tear MD	ASTM 689	lbs. at break	64
Tear XMD	ASTM 689	lbs. at break	64

The values indicated in this document are the results of tests made in compliance with the normal standards. They are given as an indication and should be considered as average values and given without any obligation on our part. This data was provided directly to Shannon from our film supplier.

For more information about material data, please visit our web site at www.shannonpkg.com

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