

Represented by



ILLING[™]
P A C K A G I N G

Product Specification Sheet

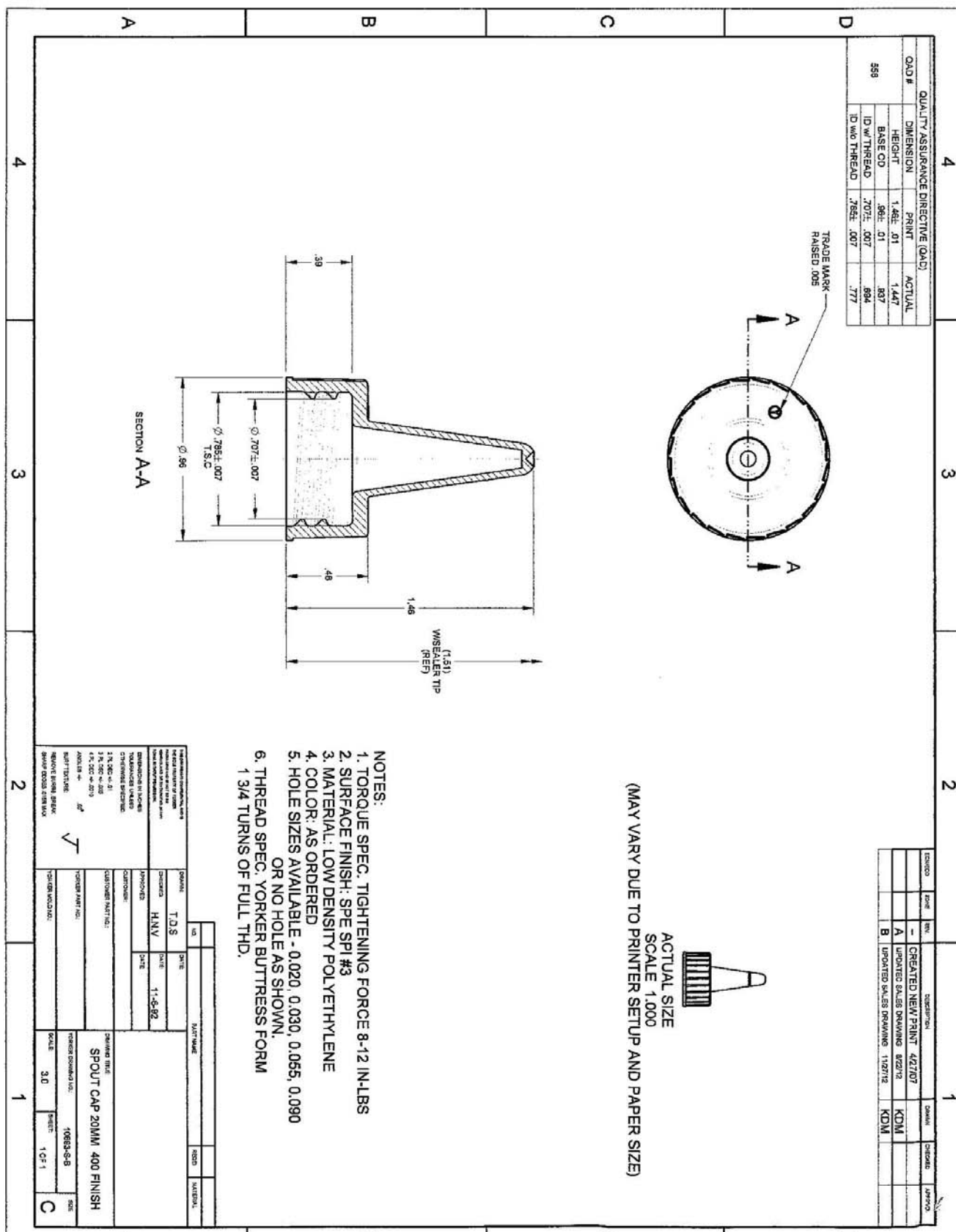
Illing Part#

369220R

20-400 NAT.YORKER SPOUT W/RED TIP .090 ORIFICE

Part #: 369220R

Size:	20/400
Color:	Natural
Material:	LDPE
Style:	Plastic Spout W/Red Tip
Additional Info:	.090 Orifice
Case Pack:	4,000 each
Pallet Pack:	120,000 each





4	3	2	1																														
TRADE MARK RAISED .005		<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th>REV.</th> <th>DESCRIPTION</th> <th>DATE</th> <th>DRAWN</th> <th>CHECKED</th> <th>APPROVED</th> </tr> <tr> <td>A</td> <td>CREATED SALES DRAWING</td> <td>02/11/12</td> <td>KM 02/11/12</td> <td></td> <td></td> </tr> <tr> <td>B</td> <td>UPDATED LOGO</td> <td>5/1/12</td> <td>KDM</td> <td></td> <td></td> </tr> <tr> <td>C</td> <td>ADDED WALL DIMENSIONS</td> <td></td> <td>KDM</td> <td></td> <td></td> </tr> <tr> <td>D</td> <td>ADDED DUAL DIMENSIONS 3/4/15</td> <td></td> <td>KDM</td> <td></td> <td></td> </tr> </table>		REV.	DESCRIPTION	DATE	DRAWN	CHECKED	APPROVED	A	CREATED SALES DRAWING	02/11/12	KM 02/11/12			B	UPDATED LOGO	5/1/12	KDM			C	ADDED WALL DIMENSIONS		KDM			D	ADDED DUAL DIMENSIONS 3/4/15		KDM		
REV.	DESCRIPTION	DATE	DRAWN	CHECKED	APPROVED																												
A	CREATED SALES DRAWING	02/11/12	KM 02/11/12																														
B	UPDATED LOGO	5/1/12	KDM																														
C	ADDED WALL DIMENSIONS		KDM																														
D	ADDED DUAL DIMENSIONS 3/4/15		KDM																														
SECTION A-A $\phi .242 \pm .002$ (6.2 MM $\pm .05$) $\phi .340$ (8.6 mm) (.42) (10.7 mm) REF		ACTUAL SIZE SCALE 1:000 (MAY VARY DUE TO PRINTER SETUP AND PAPER SIZE)																															
NOTES: 1. SURFACE FINISH: SPE SPI #3 2. MATERIAL: LOW DENSITY POLYETHYLENE 3. COLOR: AS ORDERED		<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th>NO.</th> <th>DATE</th> <th>DESCRIPTION</th> <th>RECD</th> <th>MATERIAL</th> </tr> <tr> <td> </td> <td> </td> <td> </td> <td> </td> <td> </td> </tr> </table>		NO.	DATE	DESCRIPTION	RECD	MATERIAL																									
NO.	DATE	DESCRIPTION	RECD	MATERIAL																													
QUICKSHEET INFORMATION: THIS DRAWING IS A QUICKSHEET. IT IS NOT A FINAL DRAWING. IT IS NOT TO BE USED FOR CONSTRUCTION. IT IS NOT TO BE USED FOR MANUFACTURING. IT IS NOT TO BE USED FOR MARKETING. IT IS NOT TO BE USED FOR LEGAL PURPOSES. ALL DIMENSIONS ARE IN INCHES UNLESS OTHERWISE SPECIFIED. 3 PL. DEC. $\pm .01$ 4 PL. DEC. $\pm .0010$ ANGLES $\pm .5^\circ$ SHARP TEXTURE: REMOVE BURRS, BREAK SHARP EDGES, FIT MAX		<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th>DESIGNED BY</th> <th>DESIGNED DATE</th> <th>DESIGNED TITLE</th> </tr> <tr> <td> </td> <td> </td> <td> </td> </tr> </table>		DESIGNED BY	DESIGNED DATE	DESIGNED TITLE																											
DESIGNED BY	DESIGNED DATE	DESIGNED TITLE																															
REGULAR SEALER CAP 10701-S-D SCALE: 6.0 SHEET: 1 OF 1 SIDE: B		FORMER DRAWING NO.: 10701-S-D																															


Petrothene®

NA 952

**Low Density Polyethylene
Film Extrusion Grade**
Melt Index 2.0 Density 0.919
Applications

PETROTHENE NA 952 is a series of homopolymer resins especially designed for industrial and consumer packaging, and liner and bag applications. NA 952 has an excellent balance of processability, toughness and drawdown.

Regulatory Status

The NA 952 basic resin meets the requirements of the Food and Drug Administration regulation, 21 CFR 177.1520. This regulation allows the use of this olefin polymer in "...articles or components of articles intended for use in contact with food." Specific limitations or conditions of use may apply. Contact your Equistar sales representative for further information regarding the suitability of specific products for specific applications.

Processing Techniques

Specific recommendations for processing NA 952 can only be made when the processing conditions, equipment and end use are known. For further suggestions, please contact your Equistar sales representative.

Typical Properties*

Property	Value	Units	ASTM Test Method
Melt Index	2.0	g/10 min	D 1238
Base Resin Density	0.919	g/cc	D 1505
Vicat Softening Point	85	°C	D 1525
Film[†]			
Dart Drop Impact Strength, F ₅₀	110	g	D 1709
Tensile Strength, MD (TD)	3,200 (2,300)	psi	D 882
Elongation, MD (TD)	200 (500)	%	D 882
1% Secant Modulus, MD (TD)	26,500 (32,000)	psi	E 111
Elmendorf Tear Strength, MD (TD)	350 (70)	g	D 1922
Molding**			
Tensile Strength	1,800	psi	D 638
Elongation @ Break	650	%	D 638
Products	NA 952-000	NA 952-094	NA 952-126
Slip (ppm)	0	500	500
Antiblock (ppm)	0	4,500	10,000
			NA 952-083X01
			0
			4,000

* These are typical values and not to be construed as specific product limits.

** Data derived from type IV specimen, 75 mil plaque @ 20" min.

[†] Data obtained from film produced in a 3½" (89 mm) blown film line, commercially available 8" (203 mm) die, 350°F (177°C) melt extrusion temperature, 2:1 BUR, 1.25 mil (32 micron) gauge, 0.025 die gap at 150 lb/hr.

The information on this document is, to our knowledge, true and accurate. However, since the particular uses and the actual conditions of use of our products are beyond our control, establishing satisfactory performance of our products for the intended application is the customer's sole responsibility. All uses of Equistar products and any written or oral information, suggestions or technical advice from Equistar are without warranty, express or implied, and are not an inducement to use any process or product in conflict with any patent.

Equistar materials are not designed or manufactured for use in implantation in the human body or in contact with internal body fluids or tissues. Equistar makes no representation, promise, express warranty or implied warranty concerning the suitability of these materials for use in implantation in the human body or in contact with internal body tissues or fluids.

More detailed safety and disposal information on our products is contained in the Material Safety Data Sheet (MSDS). All users of our products are urged to retain and use the MSDS. A MSDS is automatically distributed upon purchase/order execution. You may request an advance or replacement copy by calling our MSDS Hotline at (800) 700-0946.

® Equistar and Petrothene are registered trademarks of Equistar Chemicals, LP.

Lyondell Chemical Company
 1221 McKinney, Suite 700
 P.O. Box 2583
 Houston, Texas 77252-2583
 (800) 615-8999
<http://www.equistarchem.com>
 9787/1104

EQUISTAR
 A Lyondell Company