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ILLINGTM
P A C K A G I N G

Product Specification Sheet

Illing Part#

3600BFL

120-400 BLACK PP MEGA FLAP UNLINED EXTENDED SKIRT

Part #: 3600BFL

Size:	120 - 400 NECK
Color:	BLACK
Material:	PP
Style:	MEGA FLAP
Additional Info:	UNLINED; EXTENDED SKIRT
Case Pack:	132 / EACH
Pallet Pack:	5544 / EACH



www.illingpackaging.com

Represented by

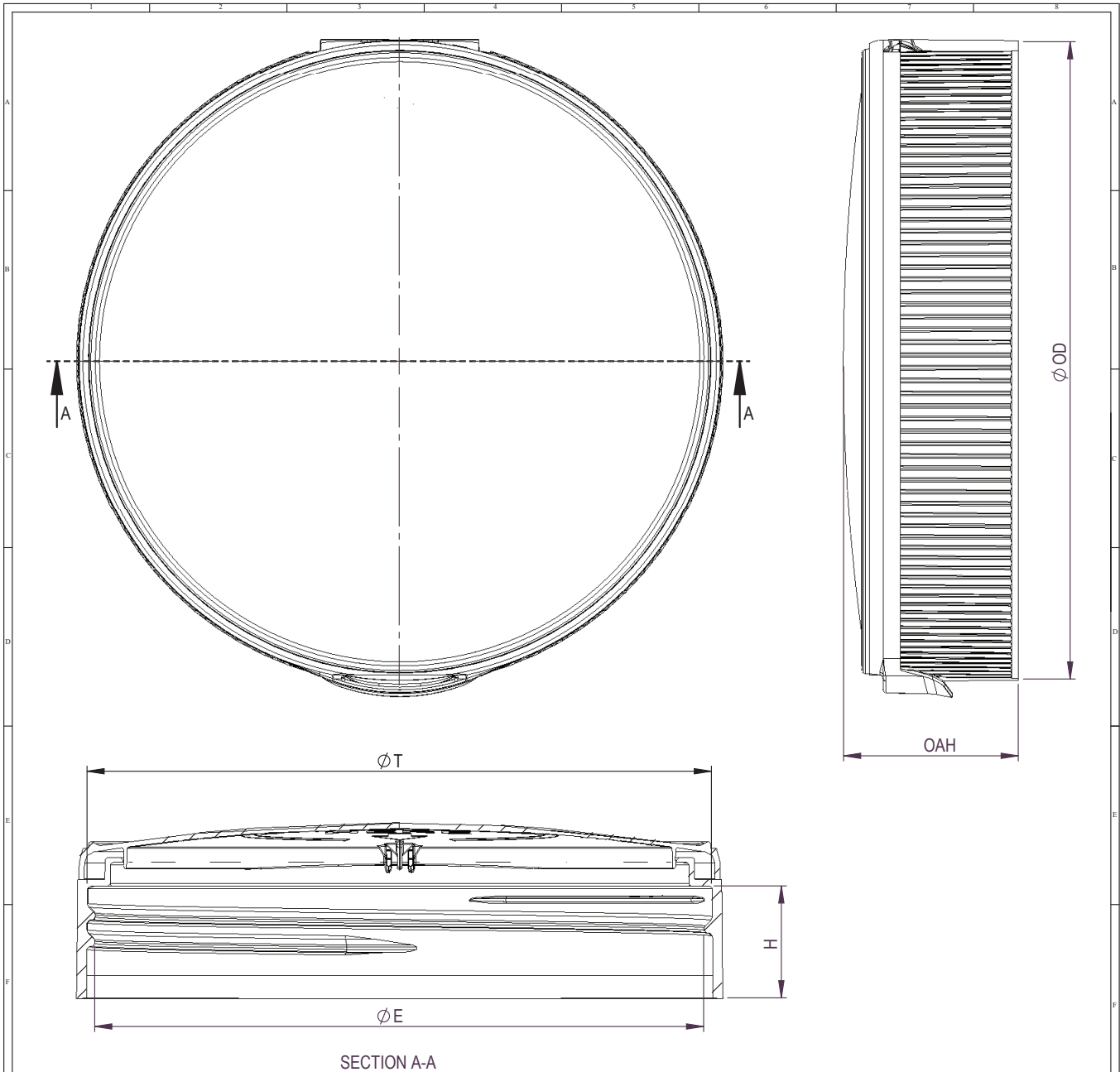


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SECTION A-A

STATIC TORQUE RECOMMENDATION: 55-95 in-lbs
REQUIREMENT. MAY VARY DEPENDING UPON CONTAINER MATERIAL,
NECK FINISH, AND CAPPING EQUIPMENT

DIMENSIONS ENCLOSED IN () INDICATE REFERENCE DIMENSIONS
AND NO TOLERANCE LIMITS ARE ESTABLISHED

DIMENSIONS PRECEDED BY AN *** INDICATE THE DIMENSION IS
PROCESS SENSITIVE. PROCESS SENSITIVE DIMENSIONS ARE
VERIFIED TO BE WITHIN THE TOLERANCE LIMITS DURING THE
PRODUCTION RUN. ALL REMAINING DIMENSIONS ARE VERIFIED AT
PRODUCTION VALIDATION.

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THE PART DIMENSIONS DEPICTED ARE THOSE WHICH HAVE GENERALLY BEEN FOUND TO BE FUNCTIONAL BASED ON INDUSTRY EXPERIENCE.
BECAUSE OF VARIABILITY IN CONTAINER FINISHES, EACH CLOSURE/FINISH SYSTEM SHOULD BE INDIVIDUALLY EVALUATED AND TESTED TO
ENSURE IT MEETS APPLICABLE PERFORMANCE CRITERIA.

MOLD-RITE PLASTICS AND ITS SUBSIDIARIES RESERVE THE RIGHT TO REVISE ANY OR ALL SPECIFICATIONS AND REQUIREMENTS.

REFERENCE	DIMENSION	TOLERANCE	UNITS
E	4.634 [117.70]	±0.010 [0.25]	in [mm]
T	4.753 [120.73]	±0.010 [0.25]	in [mm]
H	0.849 [21.56]	±0.010 [0.25]	in [mm]
OAH	1.198 [32.97]	±0.015 [0.38]	in [mm]
OD	4.902 [124.51]	±0.015 [0.38]	in [mm]
PART WEIGHT	33.0	± 1.0	g

THREAD DETAIL INFORMATION: 5 THREADS PER INCH 0.200" [5.08] PITCH 450° FULL DEPTH THREADS

DRAWN BY:	BDG	3/28/2016
ENG APPR:	BDG	7/29/2016
QA APPR:	STP	7/29/2016



DRAWING TITLE:
**120mm-400 MegaFlap®
Extended Skirt**

MATERIAL: POLYPROPYLENE

DRAWING TYPE: CUSTOMER DISTRIBUTION CODE: D

REPLACES DRAWINGS: S-220-00-03AA

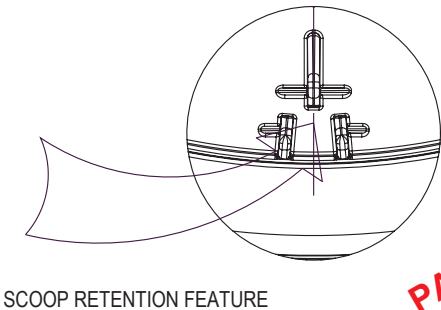
MODEL NUMBER: PM 10260 120-400 MegaFlap

DWG SIZE: 8.5" x 11" DRAWING NUMBER: CQA-10262 REVISION: 00.AB

SCALE: 1:1 SHEET: 1 OF 3



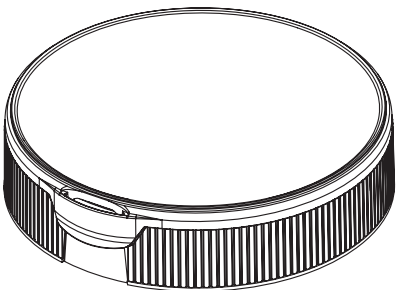
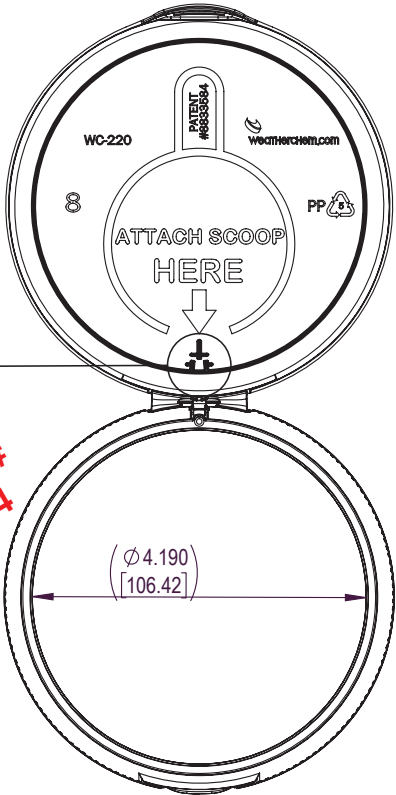
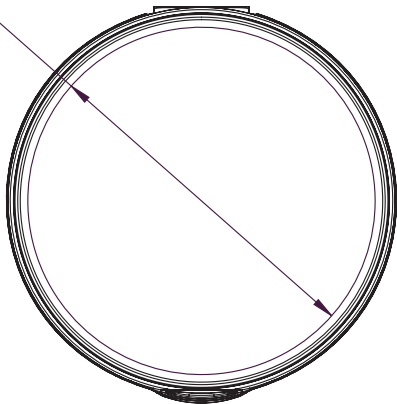
RECOMMENDED SCOOP WALL THICKNESS AT THE HOOP WHERE THE SCOOP ENGAGES THE LID IS 1.15MM ±0.10. PLEASE CONSULT MRP SOLUTIONS ENGINEERING FOR WALL THICKNESS OTHER THAN RECOMMENDED.



SCOOP RETENTION FEATURE

**PATENT #
8833554**

Ø 4.360
[110.74]
Logo Insert



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DATE	REV	N/P	DESCRIPTION	ENG	DRWN
06/06/16	00	AA	DRAWING FORMAT UPDATED	BDG	BDG
08/25/23	00	AB	UPDATED DRAWING FORMAT AND LOGO	BDG	BDG

REVISION HISTORY

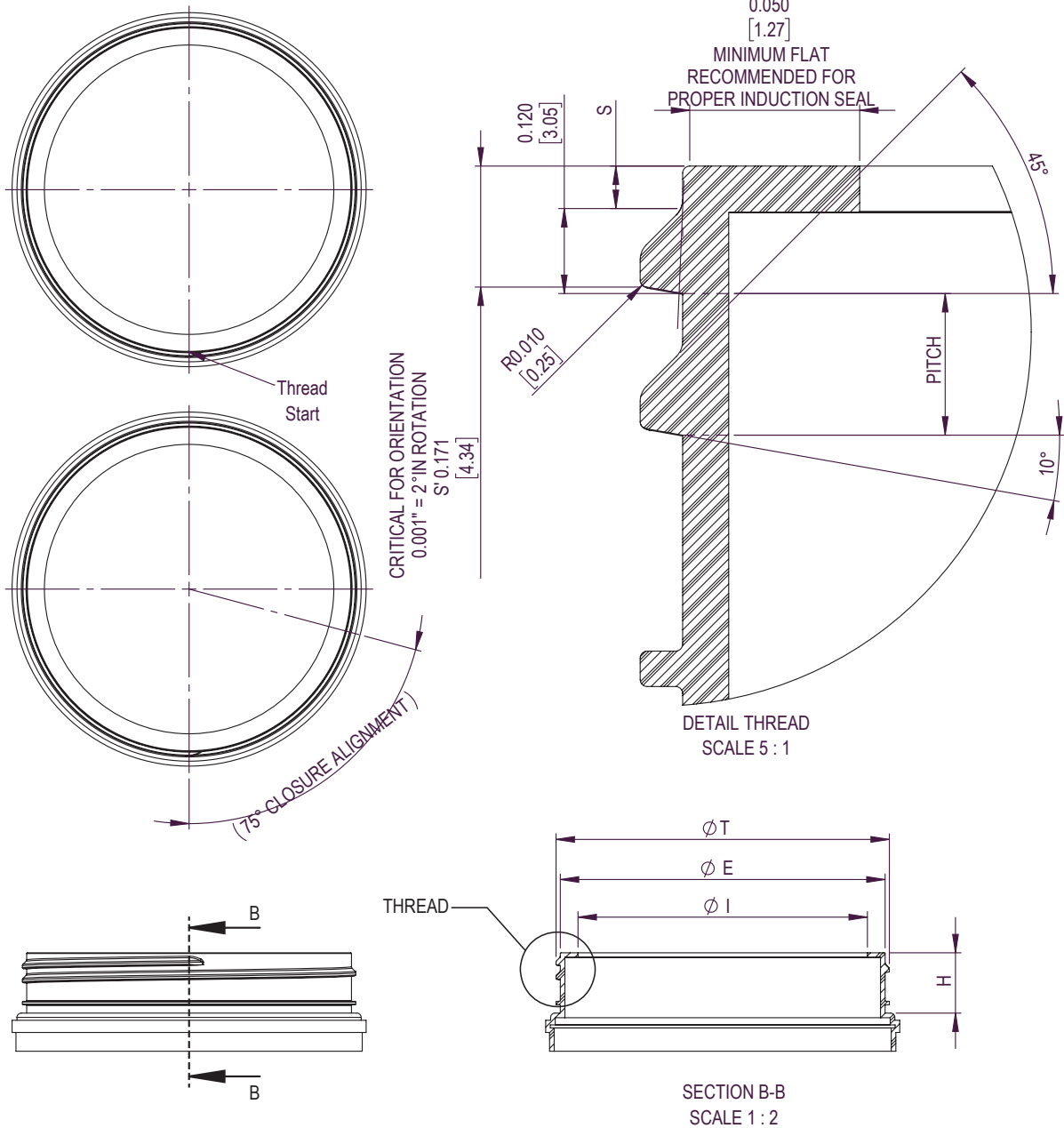
REVISIONS: REV: A PHYSICAL CHANGE TO THE PART IMPACTING FIT, FORM OR FUNCTION
N/P: DRAWING OR SPECIFICATION CHANGE ONLY

MRP
solutions
Packaging with purpose.

DRAWING TITLE:
**120mm-400 MegaFlap®
Extended Skirt**

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DRAWING TYPE: CUSTOMER	DISTRIBUTION CODE: D
DWG SIZE: 8.5" x 11"	DRAWING NUMBER: CQA-10262
SCALE: 1:2 & NOTED	SHEET: 2 OF 3
REVISION:	00.AB



RECOMMENDED NECK FINISH IS DETERMINED FOR PROPER FUNCTIONAL PERFORMANCE WITH MOLD-RITE CLOSURE. USE OF MOLD-RITE CLOSURE WITH CONTAINER NOT MATCHING RECOMMENDED NECK FINISH SHOULD BE TESTED AND CONFIRMED FOR APPLICATION BY THE USER.

NOMINAL ORIENTATION OF CLOSURE (IF INDICATED) IS BASED ON NOMINAL DIMENSIONS OF BOTH CLOSURE AND RECOMMENDED NECK FINISH. FOR EXACT ORIENTATION, EACH CONTAINER SHOULD BE EVALUATED ON A CASE BY CASE BASIS.

DIMENSIONS ENCLOSED IN () INDICATE REFERENCE DIMENSIONS AND NO TOLERANCE LIMITS ARE ESTABLISHED

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MOLD-RITE PLASTICS AND ITS SUBSIDIARIES RESERVE THE RIGHT TO REVISE ANY OR ALL SPECIFICATIONS AND REQUIREMENTS.

REFERENCE	DIMENSION	TOLERANCE	UNITS
E	4.587 [116.51]	± 0.017 [0.43]	IN[mm]
T	4.707 [119.56]	± 0.017 [0.43]	IN[mm]
I	4.190 [106.42]	MINIMUM	IN[mm]
S	0.060 [1.524]	± 0.015 [0.38]	IN[mm]
H	0.862 [21.89]	MINIMUM	IN[mm]
TPI	5		
PITCH	0.200 [5.08]		IN[mm]

MRP solutions
Packaging with purpose.

DRAWING TITLE:
**120mm-400 MegaFlap®
Extended Skirt
RECOMMENDED NECK FINISH**

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DRAWING TYPE: CUSTOMER	DISTRIBUTION CODE: D
DWG SIZE: 8.5" x 11"	DRAWING NUMBER: CQA-10262
SCALE: 1:2 & NOTED	SHEET: 3 OF 3
REVISION:	00.AB



Food Contact Regulatory Status Information

6989CF (Black, ID# 7920)

01/26/2023



RiverdaleGlobal[®]
Changing the way you think about color

1. FDA Evaluation According to CFR Title 21

1.1. One or more components in the above product is listed in or effected by the following Food and Drug Administration (FDA) regulations according to Code of Federal Regulations (CFR) Title 21:

- Chapter 1 Subchapter B Part 172
 - Food Additives Permitted for Direct Addition to Food for Human Consumption
- Chapter 1 Subchapter B Part 174
 - Indirect Food Additives: General
- Chapter 1 Subchapter B Part 178
 - Indirect Food Additives: Adjuvants, Production Aids, and Sanitizers
- Chapter 1 Subchapter B Part 186
 - Indirect Food Substances Affirmed as Generally Recognized as Safe

Ingredients may be listed in further FDA regulations unrelated to plastic applications.

1.2. FDA compliance of the final part is dependent on the end use of the final part which the above mentioned product is used in. **Therefore, the end product and its use must comply with the below criteria to remain within FDA regulations for the components of the above mentioned product:**

- Compliant with all relevant CFR 21 requirements in **Polypropylene Resins**.
- **Maximum Allowable Concentration of 6989CF is 3.70g of colorant per 100.00g of resin.** Note that Regrind use must be considered for concentration level in production.
- Final part is used in **Conditions of Use, parts A through H** as listed in Table 1 and Table 2, respectively, of CFR 21 Chapter 1 §176.170(c).

5001 Birney Hwy, Aston PA 19014

Main: 610-358-2900

www.riverdaleglobal.com

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Food Contact Regulatory Status Information

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01/26/2023



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- 1.3. **Abiding by the above criteria will ensure FDA regulations are met for all components in the above mentioned product.** However, since it is not feasible to have data for all our products in regards to possible degradation into other compounds prior to, during, and post processing, we recommend migration testing to ensure full compliance with CFR Title 21 Chapter 1 Subchapter B §174.5. Particular circumstances could lead to unacceptable migration of Non-Intentionally-Added Substances ("NIAS"). Final FDA food contact compliance must be ensured by the manufacturer of the final product in which Riverdale's product is used.
- 1.4. **This confirmation is limited to the use of our product in the above food contact applications and does not apply to any use in drug, medical device, or cosmetic products or packaging.** It is the responsibility of the drug, medical device, or cosmetic manufacturer to establish that all materials used as either components of medical devices or components of packaging materials for drugs, cosmetics, or medical devices comply with all regulatory and safety requirements.

2. General Remarks

- 2.1. All information used in this document is based on current valid regulations. The regulations are subject to possible modifications in the future which might change the compliance with legal requirements. For more information or an update about the food contact status of our products, please contact Lab@riverdaleglobal.com.

Best Regards,

Mathew Rehak
Technical Sales Manager Midwest
Riverdale Global, LLC
5001 Birney Hwy.
Aston, PA 19014
Support@riverdaleglobal.com

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Product Specification Sheet

Illing Part#

3600BFL



Product Data Sheet

MRP-PP35-1 Grade

Polypropylene, Homopolymer Plastic Resin

Product Description

MRP-PP35-1 is a high flow polypropylene homopolymer resin designed for injection molding applications requiring good balance stiffness, excellent part finish, process ability, and good mold release with anti-static agent.

Compliant to the Following Regulatory Standards:

FDA-21 CFR 177.1520(c)

EU 10/2011, EC 2002/72

RoHS

Proposition 65

CONEG/Heavy Metal

Typical Properties	Method	Typical Value	Unit
Physical			
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	ASTM D1238	35	g/10 min
Mechanical			
Tensile Strength (50mm/min) (Yield)	ASTM D 638	37.9	MPa
Tensile Elongation (50mm/min) (Yield)	ASTM D 638	8	%
Flexural Modulus – 1% Secant (1.3 mm/min)	ASTM D790A	1650	MPa
Hardness, Rockwell R	ASTM D785	106	-
Impact			
Notched Izod impact (23 °C, Method A)	ASTM D 256A	27	J/m
Thermal			
Heat Deflection (Softening Point) Unannealed DTLU @ 66psi	ASTM D 648	112	°C
Processing Range	-----	400 – 500	°F

For further regulatory information contact MRP Solutions customer service or sales department.

Notes:

These are typical properties not to be construed as specifications.

MRP Solutions warrants this grade to meet typical data values and physical, chemical, and processing properties.

All results were obtained from manufacturer product data sheets (where applicable). The data are intended as a general guide, only, and do not necessarily represent results that may be obtained, elsewhere. The use of MRP Solutions products must be guided by the users' own methods for selection of proper formulation. MRP Solutions disclaims any responsibility for misuse or misapplication of its products. MRP Solutions' liability and customer's exclusive remedy for any claims arising out of sales of its products are expressly limited to customer option for replacement (not to exceed the purchase price) with the addition of transportation charges, on material for which damage is claimed.