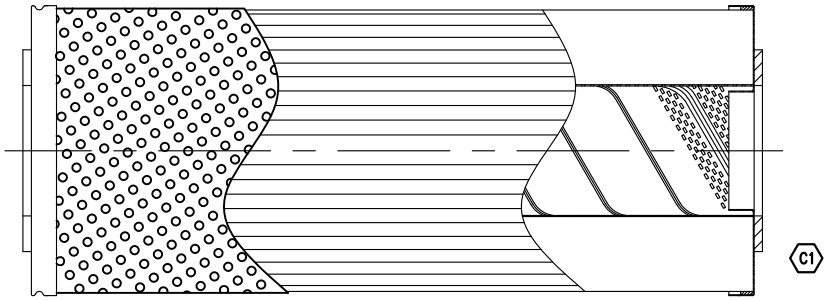
FLUID DESCRIPTION	APPLICATION
FUEL OIL	DIESEL, TURBINE
INSULATING PL511-12-C	TRANSFORMERS, BREAKERS, CABLE
CUTTING OIL	CHIP WRINGER, SCREW MACHINES
GAS COMPRESSOR	COMPRESSOR LUBE
GEAR OIL	GEAR BOX
ROLLING OIL PL511-12-C	FLOOD LUBE FOR ROLLING MILL
HYDRAULIC OIL PL511-12-C	TRANSMISSION MGF, DIECAST, PLASTIC INJECTION MOLDING TURBINE EHC
LUBE OIL	ENGINE, COMPRESSOR
QUENCH OIL	HEAT TREAT QUENCHING
SILICONE OIL	HEAT TRANSFER

MODEL	OVERALL LENGTH NOMINAL	O.D. (C2)	I.D.	FILTERING AREA
PL511-12-C	11"	4 5/16"	1 3/4"	931 SQ. IN.
(C)				
PL511-03-C	11"	4 5/16"	1 3/4"	1470 SQ. IN.
PL511-05-C	11"	4 5/16"	1 3/4"	1347 SQ. IN.
PL511-10-C	11"	4 5/16"	1 3/4"	1470 SQ. IN.
PL511-20-C	11"	4 5/16"	1 3/4"	1470 SQ. IN.
PL511-16-C	11"	4 5/16"	1 3/4"	931 SQ. IN.



	BETA RATIO & EFFICIENCY	
MODEL	BETA=75 98.7%	BETA=200 99.5%
PL511-16-C	--------	2 MICRON
PL511-12-C	5 MICRON	6 MICRON
(C4)		
(C5) PL511-03-C	27 MICRON	28 MICRON
(C5) PL511-05-C	38 MICRON	40 MICRON
PL511-10-C	58 MICRON	59 MICRON
PL511-20-C	69 MICRON	N/A

PHYSICAL CHARACTERISTICS:
1- CORROSION RESISTANT END CAPS. (C3)
2- CELLULOSE GASKETS.
3- CORROSION RESISTANT CENTERTUBE.
4- MAXIMUM OPERATING TEMPERATURE IS 250°F.
5- 100 PSI COLLAPSE STRENGTH.
6- ALL CARTRIDGES ARE CONSTRUCTED WITH AN OUTSIDE PERFORATED AMBIENT EXCEPT FOR PL511-12-C & PL511-16-C.

REV	DESCRIPTION	BY	DATE	APP
C	1-REVISED END CAPS 2-O.D WAS 4 11/16" 3-NOTE #1 WAS MOLDED URETHANE 4-OMITTED PL511-01-C (NOT USED) 5-BETA RATINGS REVISED	ROC	05/09/11	LTH
B	REVISED BETA RATIOS; REDRAWN FROM CADKEY	ROC	06/02/09	LTH
A	REDRAWN	DPM	05/11/99	GLF

THE INFORMATION AND DATA CONTAINED HEREIN CONFORMS TO ASME Y14.5-M 1994

DRAWING STATUS: **PRODUCTION**

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MAKE FROM

UNLESS OTHERWISE SPECIFIED MACHINE 125 MICROINCHES
UNLESS OTHERWISE SPECIFIED BREAK CORNERS .015 MAX
UNLESS OTHERWISE SPECIFIED: FRACTIONAL DIMENSIONS - ± 1/16; DECIMAL DIMENSIONS - XX - ±; XXX - ±; ANGLES - ±

THE HILLIARD CORPORATION
100 WEST FOURTH STREET
ELMIRA, NEW YORK 14902

DIMENSIONS ARE IN INCHES [ ] DIMENSIONS IN MM

	BY:	DATE:
DRAWN	GF	02/22/96
CHECKED	GLF	02/22/96
APPROVED	JB	03/07/96

SIMILAR TO:
SCALE: FULL

TITLE: PL511-**-C MICROGUARD & SAFEGUARD

SHEET 1 OF 1 — DD-700-34 — C