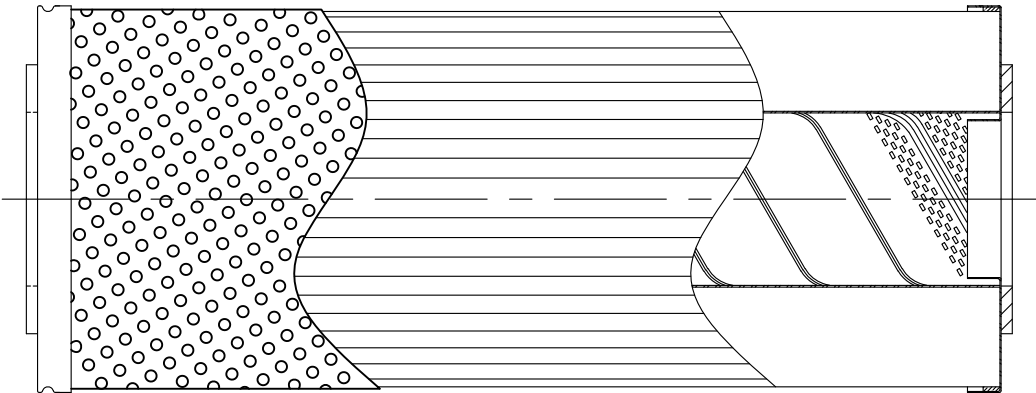


F	E	D	C	B	A	
FLUID DESCRIPTION	APPLICATION	MODEL	OVERALL LENGTH <sup>(A)</sup>	O.D. <sup>(A)</sup>	I.D. <sup>(A)</sup>	FILTERING AREA
4	TURBINE LUBE, MINERAL OIL PHOSPHATE ESTER	PH511-12-C	11"	4 5/16"	1 3/4"	784 SQ. IN.
		PH511-11-C	11"	4 5/16"	1 3/4"	784 SQ. IN.
		PH511-01-C	11"	4 5/16"	1 3/4"	784 SQ. IN.
COOLANT	MACHINE TOOL COOLANT	PH511-03-C	11"	4 5/16"	1 3/4"	784 SQ. IN.
		PH511-05-C	11"	4 5/16"	1 3/4"	784 SQ. IN.
CUTTING OIL	CHIP WRINGER, SCREW MACHINES	PH511-10-C	11"	4 5/16"	1 3/4"	1238 SQ. IN.
		PH511-20-C	11"	4 5/16"	1 3/4"	1238 SQ. IN.
FUEL GAS	DIESEL, TURBINE	PH511-40-C	11"	4 5/16"	1 3/4"	1238 SQ. IN.
GAS COMPRESSOR	COMPRESSOR LUBE	PH511-16-C	11"	4 5/16"	1 3/4"	784 SQ. IN.

GEAR OIL	GEAR BOX
HEAT TRANSFER, SYNTHETIC, GLYCOL, SILICONE, FREON PH511-12-C	HEAT TRANSFER ENGINE COOLANT
HYDRAULIC OIL PH511-12-C	TRANSMISSION MGF, DIECAST, PLASTIC INJECTION MOLDING TURBINE EHC
LUBE OIL	ENGINE, COMPRESSOR
NATURAL GAS	FUEL
PHOSPHATE ESTERS	TURBINE LUBE, HYDRAULIC
POLYGLYCOLS	COMPRESSOR LUBE HEAT TRANSFER
POLYOL ESTERS	AERODERIVATIVE TURBINE LUBE
QUENCH OIL	HEAT TREAT QUENCHING
SILICONE OIL	HEAT TRANSFER
VACUUM PUMP SEAL, LUBE OIL	CHIP & WAFER FABRICATION



MODEL	BETA RATIO & EFFICIENCY	
	BETA=200 99.5%	BETA=1000 99.9%
PH511-16-C	2 MICRON	3 MICRON
PH511-12-C	4 MICRON	6 MICRON
PH511-11-C	10 MICRON	12 MICRON
PH511-01-C	15 MICRON	17 MICRON
PH511-03-C	25 MICRON	27 MICRON
PH511-05-C	41 MICRON	43 MICRON
PH511-10-C	51 MICRON	53 MICRON
PH511-20-C	69 MICRON	74 MICRON
PH511-40-C	100 MICRON	125 MICRON

- 1 PHYSICAL CHARACTERISTICS:  
 1- CORROSION RESISTANT END CAPS. <sup>(B)</sup>  
 2- CELLULOSE GASKETS.  
 3- CORROSION RESISTANT CENTERTUBE.  
 4- SYNTHETIC FILTER MEDIA PROTECTED ON BOTH SIDES BY EPOXY COATED SCREENS.  
 5- MAXIMUM OPERATING TEMPERATURE IS 250°F.  
 6- 100 PSI COLLAPSE STRENGTH.

REVISIONS		
LIR	DESCRIPTION	BY DATE APP
B	REVISED END CAPS #1 WAS MOLDED URETHANE	ROC 05/09/11 LTH
A	DIMENSIONS WERE DECIMAL REDRAWN FROM CADKEY	ROC 06/25/09 LTH

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

DRAWING STATUS

**PRODUCTION**

THIS DOCUMENT CONTAINS PROPRIETARY INFORMATION AND SUCH INFORMATION MAY NOT BE DISCLOSED TO OTHERS OR USED FOR ANY PURPOSE WITHOUT WRITTEN PERMISSION FROM THE HILLIARD CORP.  
 © COPYRIGHT THE HILLIARD CORPORATION, ALL RIGHTS RESERVED.

UNLESS OTHERWISE SPECIFIED:  
 UNLESS OTHERWISE SPECIFIED  
 UNLESS OTHERWISE SPECIFIED  
 UNLESS OTHERWISE SPECIFIED

THE HILLIARD CORPORATION  
 100 WEST FOURTH STREET  
 ELMA, NEW YORK 14062

PRODUCTION ARE IN ACCORD WITH THE FOLLOWING:  
 1. HILLIARD 8-10  
 2. HILLIARD 8-10  
 3. HILLIARD 8-10

DRAWN BY: DPW  
 CHECKED BY: GF  
 APPROVED BY: GLF

DATE: 05/17/99  
 DATE: 08/03/99  
 DATE: 08/03/99

SIMILAR TO:  
 SCALE: 1/2

TITLE  
 PH511-\*\*-C  
 PLEATED INDUSTRIAL  
 CARTRIDGE

SHEET 1 OF 1

DD-700-80 **C**