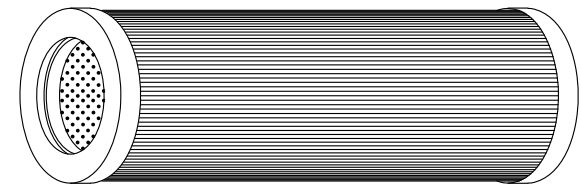


F		E	D	C	B	A		
FLUID DESCRIPTION	APPLICATION			MODEL	OVERALL LENGTH ϕ_{G2}	O.D. ϕ_{G2}	I.D. ϕ_{G2}	FILTERING AREA
4	BEARING LUBE	TURBINE LUBE, MINERAL OIL PHOSPHATE ESTER		PH739-01-CG	38 5/8"	6 1/4"	4 1/8"	5681 SQ. IN.
				PH739-03-CG	38 5/8"	6 1/4"	4 1/8"	5681 SQ. IN.
				PH739-05-CG	38 5/8"	6 1/4"	4 1/8"	5681 SQ. IN.
				PH739-10-CG	38 5/8"	6 1/4"	4 1/8"	6155 SQ. IN.
4	COOLANT	MACHINE TOOL COOLANT		PH739-11-CG	38 5/8"	6 1/4"	4 1/8"	5681 SQ. IN.
				PH739-12-CG	38 5/8"	6 1/4"	4 1/8"	5681 SQ. IN.
				PH739-20-CG	38 5/8"	6 1/4"	4 1/8"	6155 SQ. IN.
				PH739-40-CG	38 5/8"	6 1/4"	4 1/8"	6155 SQ. IN.
3	FUEL GAS	DIESEL, TURBINE		PH739-01-CGV	38 5/8"	6 1/4"	4 1/8"	5681 SQ. IN.
				PH739-03-CGV	38 5/8"	6 1/4"	4 1/8"	5681 SQ. IN.
				PH739-05-CGV	38 5/8"	6 1/4"	4 1/8"	5681 SQ. IN.
				PH739-10-CGV	38 5/8"	6 1/4"	4 1/8"	6155 SQ. IN.
3	GAS COMPRESSOR	COMPRESSOR LUBE		PH739-12-CGV	38 5/8"	6 1/4"	4 1/8"	5681 SQ. IN.
				PH739-16-CG	38 5/8"	6 1/4"	4 1/8"	5681 SQ. IN.
				PH739-14-CG ϕ_{G1}	38 5/8"	6 1/4"	4 1/8"	5681 SQ. IN.
				PH739-16-CGV	38 5/8"	6 1/4"	4 1/8"	5681 SQ. IN.
3	GEAR OIL	GEAR BOX		ϕ_{H} PH739-01-CGEPDM	38 5/8"	6 1/4"	4 1/8"	5681 SQ. IN.
				ϕ_{J} PH739-01-CGTEF	38 5/8"	6 1/4"	4 1/8"	5681 SQ. IN.
2	HEAT TRANSFER, SYNTHETIC, GLYCOL, SILICONE, FREON PH739-12-CG	HEAT TRANSFER ENGINE COOLANT						
2	HYDRAULIC OIL PH739-12-CG	TRANSMISSION MGF, DIECAST, PLASTIC INJECTION MOLDING TURBINE EHC						
2	LUBE OIL	ENGINE, COMPRESSOR						
2	NATURAL GAS	FUEL						
2	PHOSPHATE ESTERS	TURBINE LUBE, HYDRAULIC						
2	POLYGLYCOLS	COMPRESSOR LUBE HEAT TRANSFER						
2	POLYOL ESTERS	AERODERIVATIVE TURBINE LUBE						
2	QUENCH OIL	HEAT TREAT QUENCHING						
1	SILICONE OIL	HEAT TRANSFER						
1	VACUUM PUMP SEAL, LUBE OIL	CHIP & WAFER FABRICATION						

- PHYSICAL CHARACTERISTICS:
 1- CORROSION RESISTANT METAL END CAPS.
 2- TIN PLATED CENTERTUBE. ϕ_{E}
 3- SYNTHETIC FILTER MEDIA PROTECTED ON BOTH SIDES BY EPOXY COATED SCREENS.
 4- MAXIMUM OPERATING TEMPERATURE IS 250°F.
 5- 100 PSI COLLAPSE STRENGTH.

MODEL	BETA RATIO & EFFICIENCY		O-RING MAT'L
	BETA=200 99.5%	BETA=1000 99.9%	
PH739-01-CG	15 MICRON	17 MICRON	NITRILE
PH739-03-CG	25 MICRON	27 MICRON	NITRILE
PH739-05-CG	41 MICRON	43 MICRON	NITRILE
PH739-10-CG	51 MICRON	53 MICRON	NITRILE
PH739-11-CG	10 MICRON	12 MICRON	NITRILE
PH739-12-CG	4 MICRON	6 MICRON	NITRILE
PH739-20-CG	69 MICRON	74 MICRON	NITRILE
PH739-40-CG	100 MICRON	125 MICRON	NITRILE
PH739-01-CGV	15 MICRON	17 MICRON	FLUOROCARBON
PH739-03-CGV	25 MICRON	27 MICRON	FLUOROCARBON
PH739-05-CGV	41 MICRON	43 MICRON	FLUOROCARBON
PH739-10-CGV	51 MICRON	53 MICRON	FLUOROCARBON
PH739-12-CGV	4 MICRON	6 MICRON	FLUOROCARBON
PH739-16-CG	2 MICRON	3 MICRON	NITRILE
PH739-14-CG ϕ_{G1}	3 MICRON	5 MICRON	NITRILE
PH739-16-CGV	2 MICRON	3 MICRON	FLUOROCARBON
ϕ_{H} PH739-01-CGEPDM	15 MICRON	17 MICRON	EPDM
ϕ_{J} PH739-01-CGTEF	15 MICRON	17 MICRON	TEFLON



NOTE:
USE PARKER SUPER O-LUBE ON 'O'-RING BEFORE INSTALLING IN VESSEL.

REV	DESCRIPTION	BY	DATE	APP
J	PH739-01-CGTEF ADDED	ROC	03/09/12	LTH
H	PH739-01-CGEPDM ADDED	ROC	03/05/12	LTH
G	1-PH739-14-CG ADDED 2-CHGD FROM DECIMALS REDRAWN FROM CADKEY	ROC	08/24/10	LTH
F	#2 WAS EPOXY POWDER COATED ECN: 05-200600036	ROC	02/27/06	LTH
E	REDRAWN	DPM	05/13/99	GLF
LIR	DESCRIPTION	BY	DATE	APP

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

DRAWING STATUS

PRODUCTION

DRAWN: GF 06/27/95
 CHECKED: GLF 06/27/95
 APPROVED: JB 07/07/95
 SCALE: NONE

TITLE: PH739-**-CG
 PLEATED INDUSTRIAL
 CARTRIDGE
 SHEET 1 OF 1
 DD-700-33

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

UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN INCHES
 DECIMALS - .0005
 FRACTIONS - 1/16
 HOLE POSITIONING - SEE 2
 HOLE - .0005

UNLESS OTHERWISE SPECIFIED: BREAK CORNERS .25X MAX

THE HILLARD CORPORATION
 100 WEST FOURTH STREET
 ELMA, NEW YORK 14052

DATE FROM: 06/27/95