DP SERIES DELTA-PLUS CAVITY FILTER

- SURFACE PORE STRUCTURE EXTENDS WATER FLOW TO REDUCE PRESSURE DROP
- ABSOLUTE RATIGNS FROM 1 TO 100 MICRON
- THERMALLY BONDED END CAPS AND CONNECTORS FREE OF ANY BINDERS
- END CONNECTIONS FIT MOST STANDARD HOUSINGS
- FDA CFR 21 APPROVED MATERIAL

DP SERIES
DELTA-PLUS CAVITY FILTER

LIQUATEC DP SERIES DELTA-PLUS CAVITY FILTERS

Has extended it patented melt-blown technology to meet market needs for a pure polypropylene depth filter with exceptional dirt holding capacity and performance. Delta-Plus cartridges are an outstanding value for industrial applications where long-life, low-pressure drop and high efficiency is required.

LIQUATEC DP SERIES DELTA-PLUS CAVITY FILTERS

Continuously gradient pore structure increases dust holding capacity. The surface of the cartridge is fiber fortified to prevent release of micro fibers down stream. Manufactured of 100% Pure Polypropylene makes them compatible for a wide range of process fluids.

Liquatec
corporation

DP SERIES
DELTA-PLUS CAVITY FILTER

MATERIALS OF CONSTRUCTION

• **FILTER MEDIA**	POLYPROPYLENE
• **END CAP**	POLYPROPYLENE
• **ORING**	EPDM, BUNA-N,
	SILICONE, VITON
	VITON encapsulated PFA

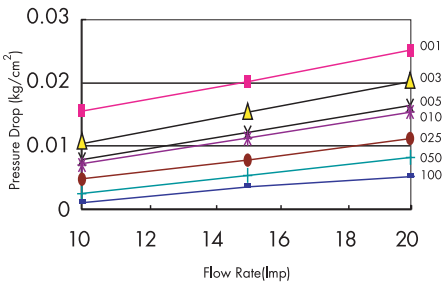
DISPLACES

• **US FILTER**	POLYDEPTH
• **MILLIPORE**	PLANARGARD FILTER
• **MILLIPORE**	POLYGARD-CR
• **PALL**	PROFILE II FILTER-RMF STYLE
• **CUNO**	DELTAKLEAN
• **CUNO**	BETAPURE
• **CUNO**	MICRO-KLEAN
• **FILTERITE**	NEXIS

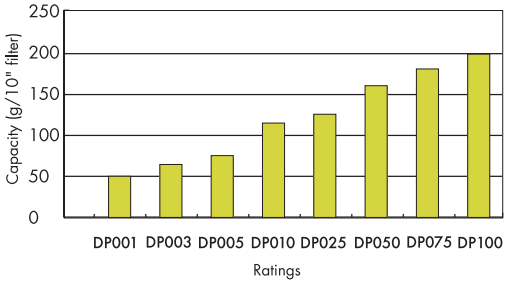
MAXIMUM APERATING PRESSURE DROP-

100 F @ 80 PSID	37 C @ 5.6 kg/cm2
150 F @ 60 PSID	65 C @ 4.2 kg/cm2
180 F @ 30 PSID	82 C @ 2.1 kg/cm2

INITIAL PRESSURE DROP



DUST HOLDING CAPACITY



RETENTION EFFICIENCY (%)								
P/N	**1 µ M**	**3 µ M**	**5 µ M**	**10 µ M**	**25 µ M**	**50 µ M**	**75 µ M**	**100 µ M**
DP001	>99.9	>99.9	>99.9	>99.9	>99.9	>99.9	>99.9	>99.9
DP003	89.9	>99.9	>99.9	>99.9	>99.9	>99.9	>99.9	>99.9
DP005	75.9	91.2	>99.9	>99.9	>99.9	>99.9	>99.9	>99.9
DP010	—	63.8	87.3	>99.9	>99.9	>99.9	>99.9	>99.9
DP025	—	—	69.9	92.8	>99.9	>99.9	>99.9	>99.9
DP050	—	—	—	58.1	74.9	>99.9	>99.9	>99.9
DP075	—	—	—	—	63.9	90.5	>99.9	>99.9
DP100	—	—	—	—	60.1	87.4	92.8	>99.9

PART NUMBER STRUCTURE

DP — 005 — E — 0 — 1000

- **DP** → DELTA-PLUS
- **005** → MICRON RATINGS:
  001:1 MICRON
  003:3 MICRON
  005:5 MICRON
  010:10 MICRON
  025:25 MICRON
  050:50 MICRON
  075:75 MICRON
  100:100 MICRON
- **E** → ORING MATERIAL:
  E:EPDM
  N:BUNA N
  S:SILICONE
  V:VITON
  T:VITON ENCAPSULATED PFA
- **0** → END CAP NUMBER:
  X:DOUBLE OPEN
  F:DOUBLE OPEN END CAP (DOE)
  0:222/FLAT(SOE)
  5:222/FIN(SOE)
  6:226/FLAT(SOE)
- **1000** → LENGTH:
  1000:10"
  2000:20"
  3000:30"
  4000:40"

DISTRIBUTED BY:

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