

BAG filters BAG series



APPLICATIONS: Groundwater, surface water, cooling tower water, industrial production, pre-treatment for desalination process, wastewater

USAGE: Filters of this series could be used for the removal of suspended solids (slit, sand, dirt) from the water. Bag filters have low investment costs and are generally tolerant of a wide range of applications. Users can choose from a complete line of single and multi-bag filter housings designed to meet the needs of the most demanding applications. The choice of single bag filter housings ranges from those suitable for exacting absolute filtration applications to high quality housings designed especially for cost sensitive applications.

INSTALLATION: Bag filters are placed in the bag filter housing inside the pressure vessel. Some bags have a micron rating small enough to filter out a large variety of particles. Regarding the flow of the water, the inlet lies above the outlet. The outlet is usually at the bottom. The inlet allows the liquid to flow into the filter bag so that the direction of flow is from the inside to the outside.

MAINTENANCE: Bags from bag filters are cleaned manually.

Materials

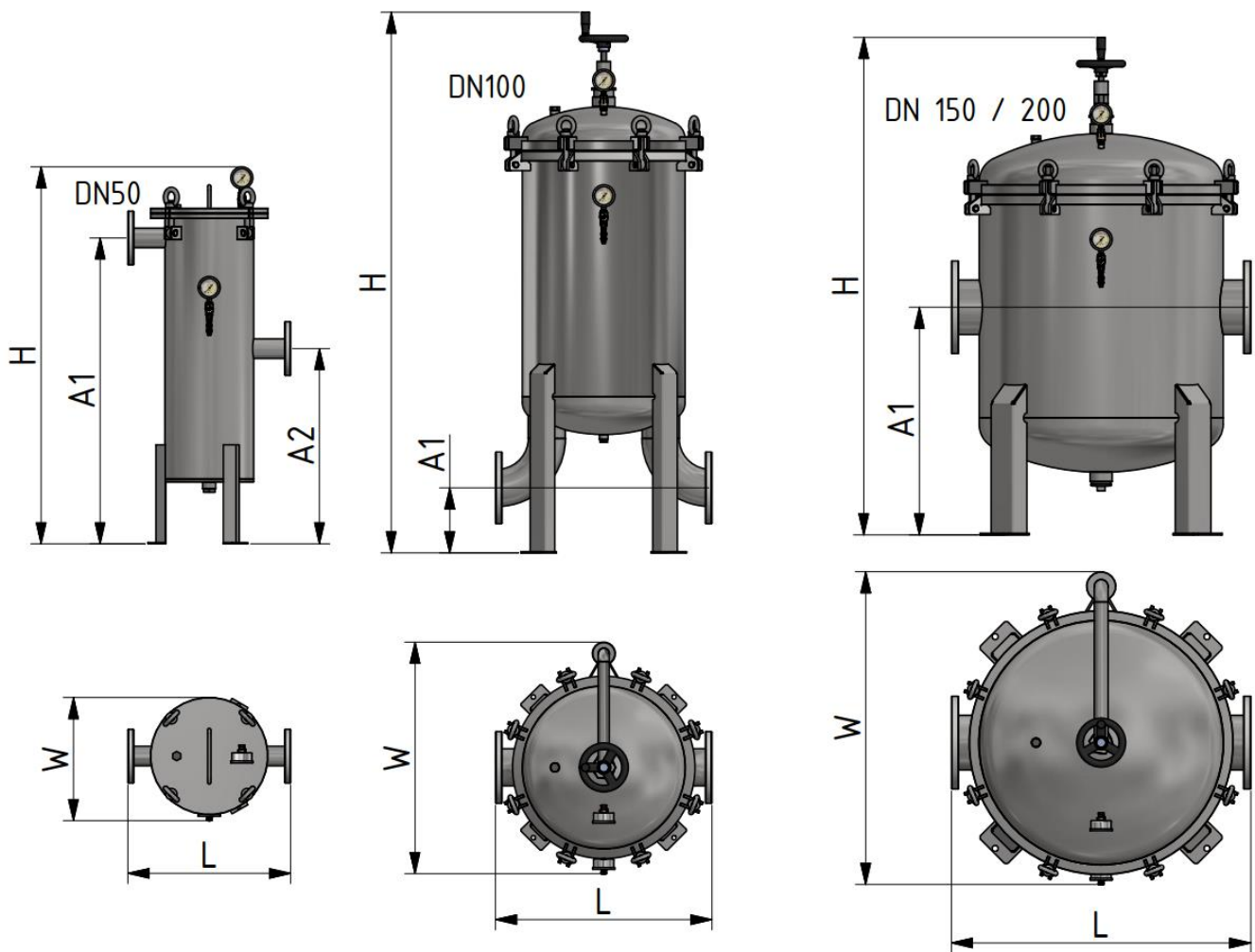
BODY: Steel S235JR (also available in stainless steel AISI 304 & 316, upon request)

MEDIA: Polypropylene hydrophobic microfiber filter

GASKETS: EPDM

SURFACE TREATMENT: Chemical cleaning (pickling, phosphate) and electrostatic painting with polyester powder (available epoxy coatings suitable for drinking water).

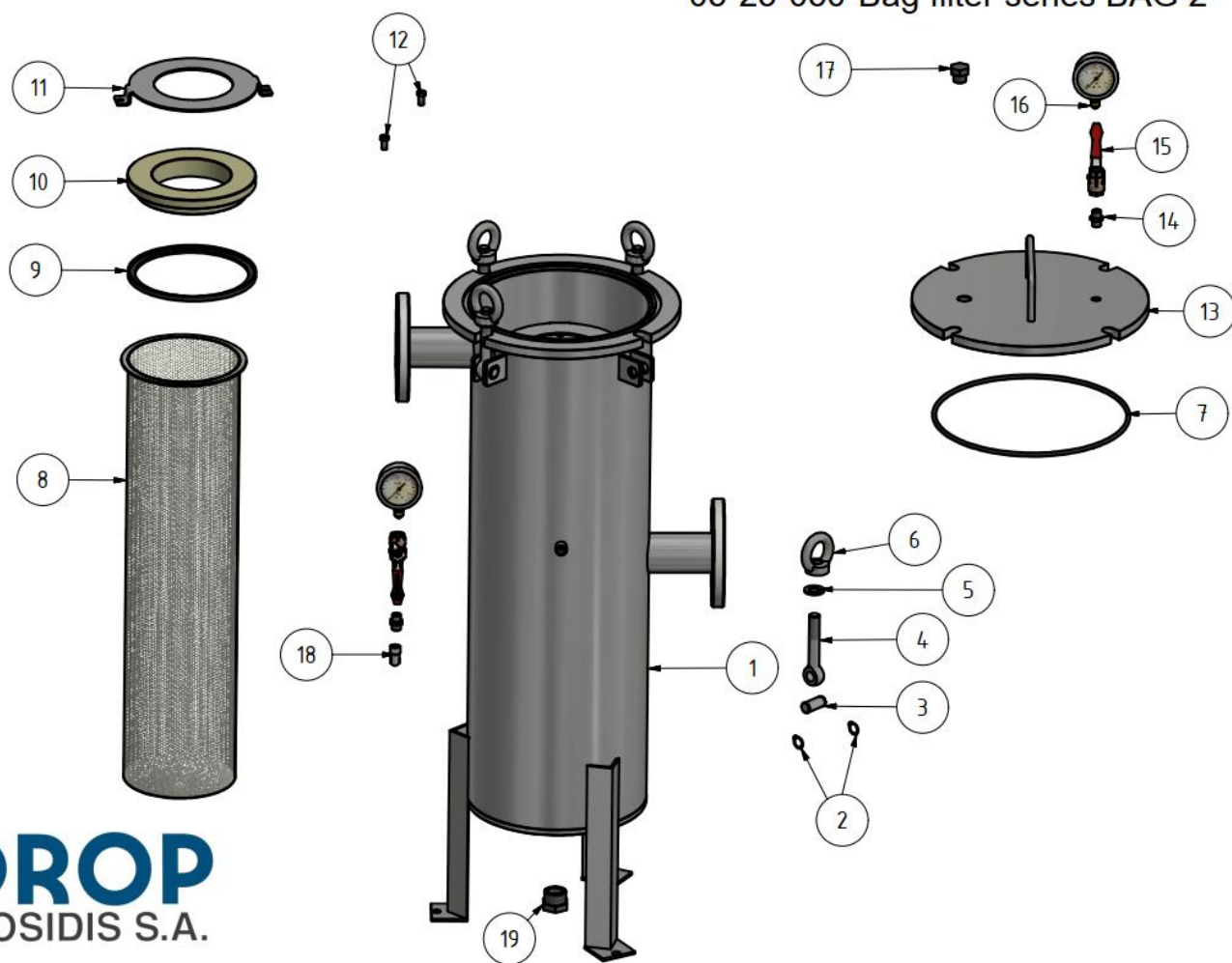
CODE	05-25-050	05-25-030	05-25-040	05-25-200
MODEL	DN50, inox 304	DN100, inox 304	DN150, inox 304	DN200, inox 304
NUMBER OF BAGS	1	3	6	8
NOMINAL FLOW (m ³ /h)	36	108	216	288
MAX PRESSURE (bar)	10	10	10	10
A1 (mm)	940	200	700	750
A2 (mm)	600	-	-	-
H (mm)	1149	1644	1530	1614
W (mm)	378	695	961	1124
L (mm)	500	120	230	315
WEIGHT (kg)	65.0	120.0	230.0	315.0



Part list 05-25-050

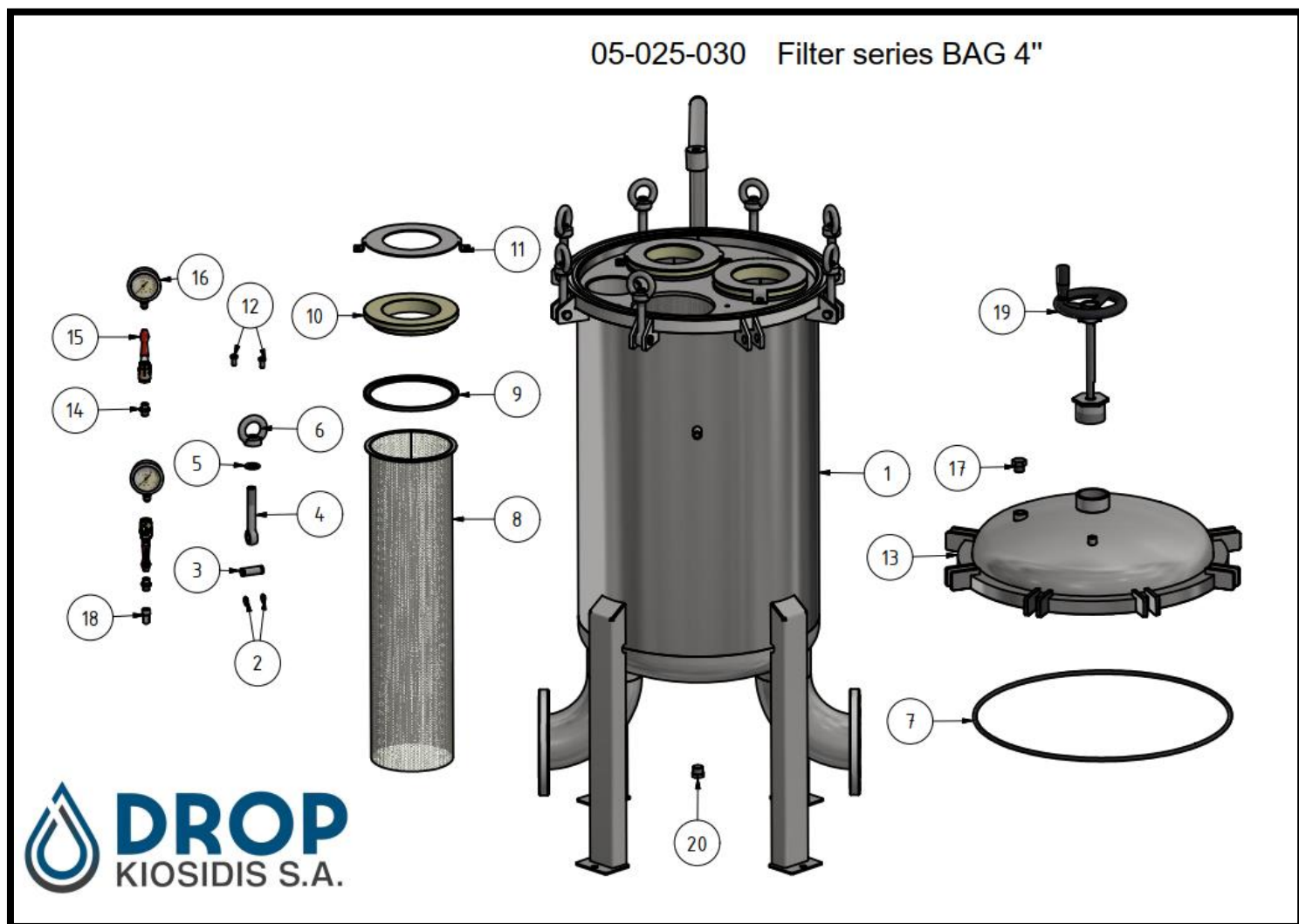
ITEM	QTY	PART NUMBER	TITLE
1	1	02-00-851	Filter housing BAG 2"
2	8	02-13-045	Retaining ring for shaft DIN 471-16
3	4	00-03-303-01	Pin d16 inox
4	4	02-10-186	Eye bolt M16X120 inox
5	4	02-10-260	Washer M16 inox 304
6	4	02-10-187	Eye nut M16 inox DIN582
7	1	02-02-090	O-ring d.6
8	1	02-03-016	Filter cartridge BAG 2"
9	1	02-02-533	Filter bag gasket
10	1	02-02-534	Polyacetal adaptor
11	1	02-02-535	Retaining ring bag filter
12	2	02-10-124	Hexagon Socket Head Cap Screw M8X16 inox 304
13	1	02-01-105	Lid for BAG filter 2"
14	2	02-05-042	Nipple ¼"
15	2	02-04-004	Ball valve ¼" F-F
16	2	06-02-007	Glycerin pressure gauge 0-16 bar inox
17	1	02-16-001	Plug ½ " TM (PE)
18	1	02-05-026	Elbow ¼ " TM-TF
19	1	02-05-342	Plug 1" TM (PE)

05-25-050 Bag filter series BAG 2"



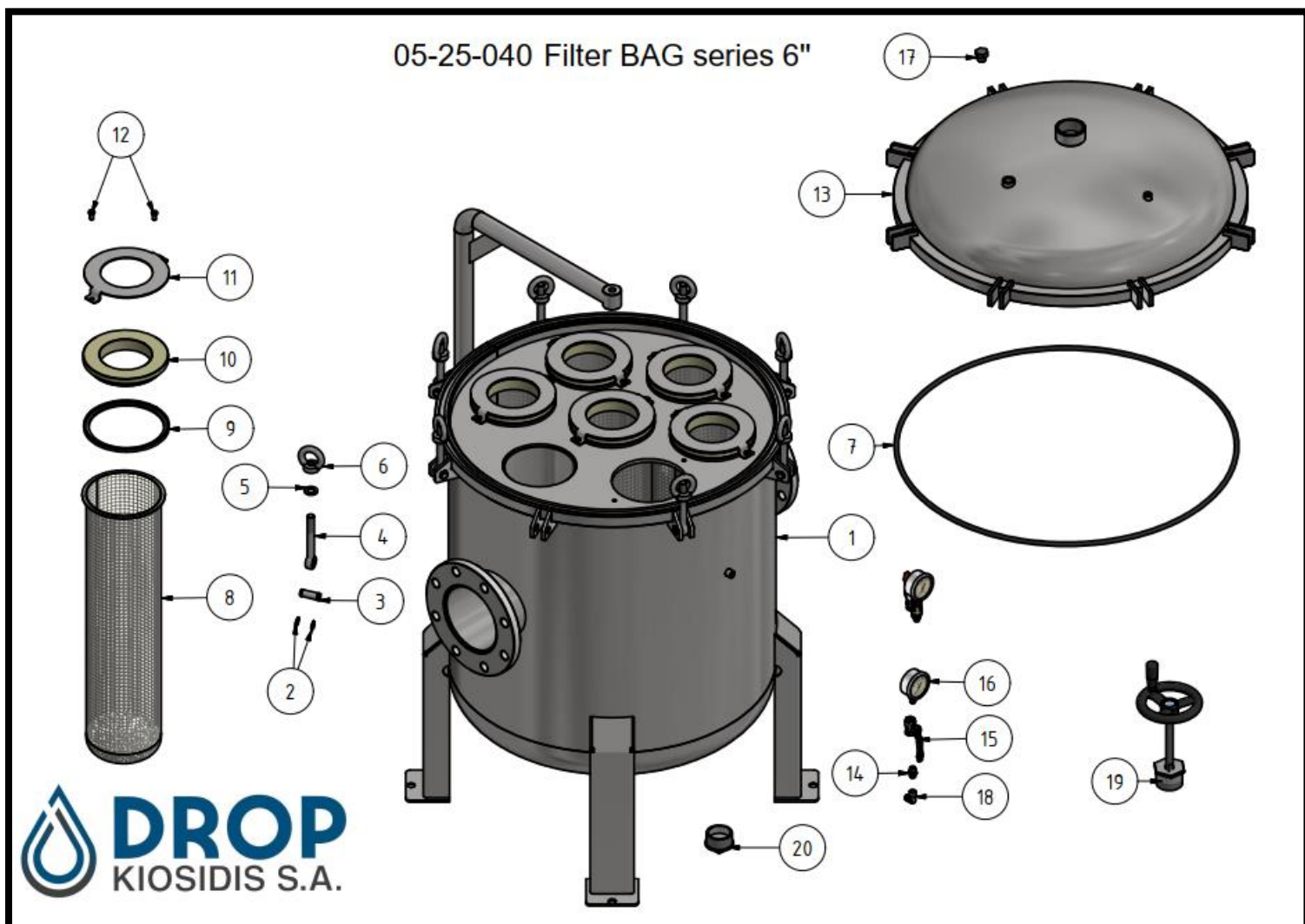
Part list 05-25-030

ITEM	QTY	PART NUMBER	TITLE
1	1	02-00-852	Filter housing BAG 4"
2	16	02-13-045	Retaining ring for shaft DIN 471-16
3	8	00-03-303-01	Pin d16 inox
4	8	02-10-186	Eye bolt M16X120 inox
5	8	02-10-260	Washer M16 inox 304
6	8	02-10-187	Eye nut M16 inox DIN582
7	1	02-02-074	O-ring d.8
8	3	02-03-217	Filter cartridge BAG 4"
9	3	02-02-533	Filter bag gasket
10	3	02-02-534	Polyacetal adaptor
11	3	02-02-535	Retaining ring bag filter
12	6	02-10-124	Hexagon Socket Head Cap Screw M8X16 inox 304
13	1	02-01-106	Lid for BAG filter 4"
14	2	02-05-042	Nipple ¼"
15	2	02-04-004	Ball valve ¼" F-F
16	2	06-02-007	Glycerin pressure gauge 0-16 bar inox
17	1	02-16-001	Plug ½ " TM (PE)
18	1	02-05-026	Elbow ¼ " TM-TF
19	1	02-10-381	Rotating wheel
20	2	02-05-353	Plug ½" galvanized TM (PE)



Part list 05-25-040

ITEM	QTY	PART NUMBER	TITLE
1	1	02-00-853	Filter housing BAG 6"
2	16	02-13-045	Retaining ring for shaft DIN 471-16
3	8	00-03-303-01	Pin d16 inox
4	8	02-10-186	Eye bolt M16X120 inox
5	8	02-10-260	Washer M16 inox 304
6	8	02-10-187	Eye nut M16 inox DIN582
7	1	02-02-099	O-ring d.10
8	6	02-03-218	Filter cartridge BAG 6"
9	6	02-02-533	Filter bag gasket
10	6	02-02-534	Polyacetal adaptor
11	6	02-02-535	Retaining ring bag filter
12	12	02-10-124	Hexagon Socket Head Cap Screw M8X16 inox 304
13	1	02-01-107	Lid for BAG filter 6"
14	2	02-05-042	Nipple ¼"
15	2	02-04-004	Ball valve ¼" F-F
16	2	06-02-007	Glycerin pressure gauge 0-16 bar inox
17	1	02-16-001	Plug ½ " TM (PE)
18	1	02-05-026	Elbow ¼ " TM-TF
19	1	02-10-381	Rotating wheel
20	2	02-05-357	Plug 2" galvanized TM (PE)



Part list 05-25-200

ITEM	QTY	PART NUMBER	TITLE
1	1	02-00-854	Filter housing BAG 8"
2	24	02-13-045	Retaining ring for shaft DIN 471-16
3	12	00-03-303-01	Pin d16 inox
4	12	02-10-186	Eye bolt M16X120 inox
5	12	02-10-260	Washer M16 inox 304
6	12	02-10-187	Eye nut M16 inox DIN582
7	1	02-02-099	O-ring d.10
8	8	02-03-218	Filter cartridge BAG 6"
9	8	02-02-533	Filter bag gasket
10	8	02-02-534	Polyacetal adaptor
11	8	02-02-535	Retaining ring bag filter
12	16	02-10-124	Hexagon Socket Head Cap Screw M8X16 inox 304
13	1	02-01-107	Lid for BAG filter 6"
14	2	02-05-042	Nipple ¼"
15	2	02-04-004	Ball valve ¼" F-F
16	2	06-02-007	Glycerin pressure gauge 0-16 bar inox
17	1	02-16-001	Plug ½ " TM (PE)
18	1	02-05-026	Elbow ¼ " TM-TF
19	1	02-10-381	Rotating wheel
20	2	02-05-357	Plug 2" galvanized TM (PE)

05-25-200 Filter BAG series 8"

