



PRODUCT SPECIFICATION

FILTRATION

ADIR MANUAL FILTERS - SCREEN & DISC 25MM & 40MM

Tavlit's professional line of plastic filters are designed for use in all irrigation systems and industry. Filters are available in sizes from 25mm to 80mm.

FEATURES

- Body lock ring enables easy opening of the filter without the use of tools
- Stainless steel weave wire screen element (available)
- Filter disc element is secured to the body and includes a telescopic spine
- Large filtration area for handling large quantities of dirt
- Grooved plastic disc element on telescopic spine (available)

APPLICATIONS

- Water filtration for Agriculture, Turf, domestic and industrial application
- Applicable for a wide range of flows

SPECIFICATIONS

Recommended Flow Range:	134lpm - 250lpm
Max Recommended Operating Pressure:	1000kPa
Filtration Range:	80 - 120 mesh
Body Material:	Polypropylene & Glass Filled Nylon
End Connection Type:	Male BSP Thread
Locking Ring:	Polyamide & Glass Filled Nylon
O Ring:	EPDM



25mm



40mm

MODELS	CODE
25mm Flow Range: Up to 134lpm	
SCREEN FILTERS	
25mm 80 mesh screen filter	NF1MS80
25mm 120 mesh screen filter	NF1MS120
DISC FILTERS	
25mm 80 mesh disc filter	NF1MD80
25mm 120 mesh disc filter	NF1MD120
40mm Flow Range: Up to 250lpm	
SCREEN FILTERS	
40mm 80 mesh screen filter	NF112MS80
40mm 120 mesh screen filter	NF112MS120
DISC FILTERS	
40mm 80 mesh disc filter	NF112MD80
40mm 120 mesh disc filter	NF112MD120

Note: For use in cold water irrigation systems only, for all other applications please consult HR Products
Images are a guide only and may not represent final product

FILTRATION_TAVLIT_NF2540_V1.05-20

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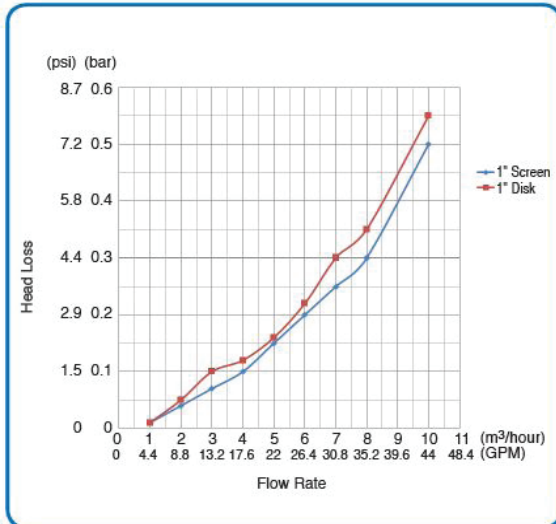
PRODUCT SPECIFICATION

FILTRATION

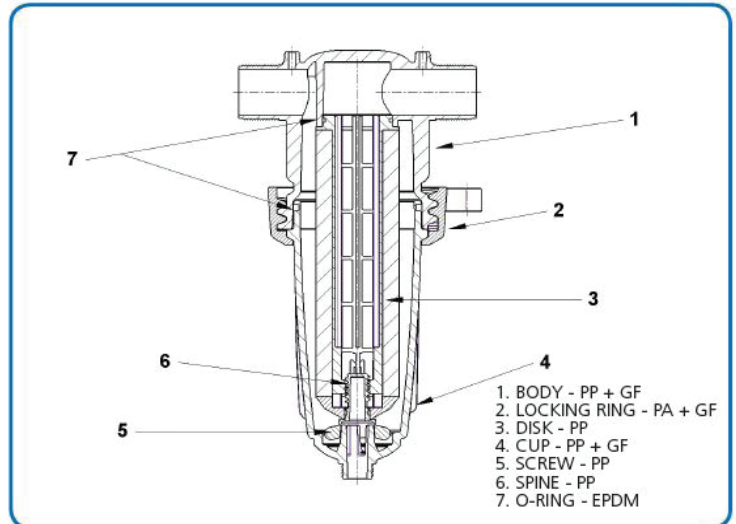
ADIR MANUAL FILTERS - SCREEN & DISC 25MM & 40MM

25mm

1" ADIR FILTER HEAD LOSS

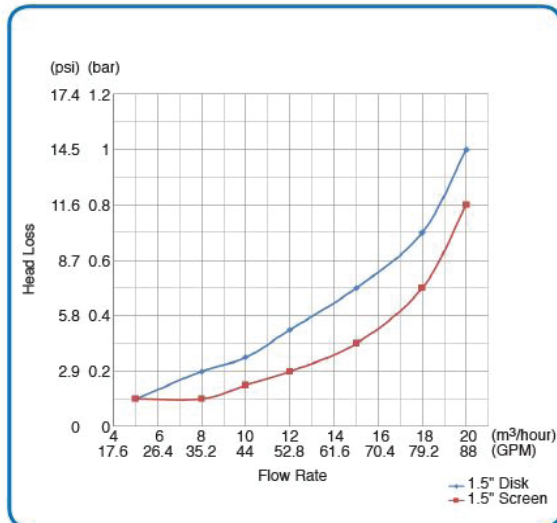


1", 1 1/2" DISK FILTER

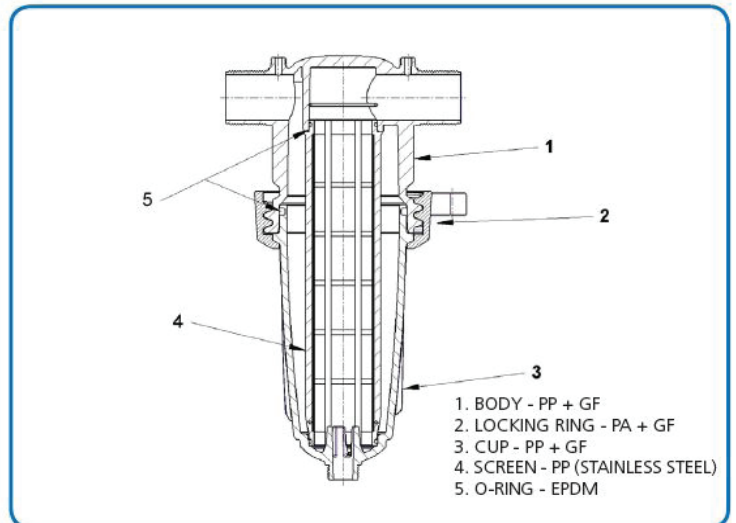


40mm

1.5" ADIR FILTER HEAD LOSS



1", 1 1/2" SCREEN FILTER



25mm & 40mm Tavlit Plastic Filters - Spare Parts Screen and Disc Elements

NFSI80M	80 mesh screen for 25mm & 40mm Tavlit filter bodies - Blue
NFSI120M	120 mesh screen for 25mm & 40mm Tavlit filter bodies - Red
NEFD80M	80 mesh disc for 25mm & 40mm Tavlit filter bodies - Yellow
NEFD120M	120 mesh disc for 25mm & 40mm Tavlit filter bodies - Red

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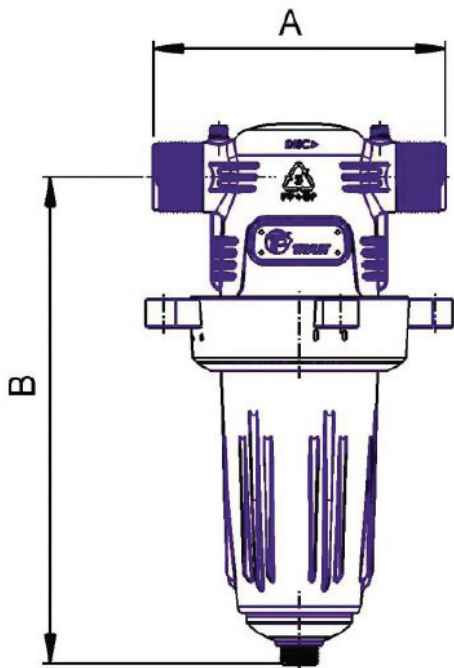


PRODUCT SPECIFICATION

FILTRATION

ADIR MANUAL FILTERS - SCREEN & DISC 25MM & 40MM

FILTER DIMENSIONS



25mm

Filter Dimensions

A: 200mm

B: 340mm

Weight: 1.5kgs

40mm

Filter Dimensions

A: 200mm

B: 340mm

Weight: 1.7kgs

FILTER ELEMENTS





In order to respond to the various needs Tavlit offers the Adir line of filters with two types of filter elements:

1. **Stainless Steel** - Stainless steel weave wire screen.
2. **Grooved Plastic** - disc elements stacked together on a telescopic spine that can be released in order to perform proper flushing of the dirt accumulated on and between the discs.

A wide range of filtration degrees is offered for various applications.



FILTER ELEMENTS

Mesh/Micron	80/200		120/120	
Stainless Steel Screen	Blue		Red	
Disc	Yellow		Red	

- Mesh count per Linear inch.
- Micron in approximate values may vary between element types

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PRODUCT SPECIFICATION

FILTRATION

ADIR MANUAL FILTERS - SCREEN & DISC 50MM & 80MM

Tavlit's professional line of plastic filters are designed for use in all irrigation systems and industry. Filters are available in sizes from 25mm to 80mm.

FEATURES

- Body lock ring enables easy opening of the filter without the use of tools
- Stainless steel weave wire screen element (available)
- Filter disc element is secured to the body and includes a telescopic spine
- Large filtration area for handling large quantities of dirt
- Grooved plastic disc element on telescopic spine (available)

APPLICATIONS

- Water filtration for Agriculture, Turf, domestic and industrial application
- Applicable for a wide range of flows

SPECIFICATIONS

Recommended Flow Range:	416lpm - 833lpm
Max Recommended Operating Pressure:	1000kPa
Filtration Range:	80 - 120 mesh
Body Material:	Polypropylene & Glass Filled Nylon
End Connection Type:	Male BSP Thread
Locking Ring:	Polyamide & Glass Filled Nylon
O Ring:	EPDM



50mm Disc



80mm

MODELS	CODE
50mm Flow Range: Up to 416lpm	
SCREEN FILTERS	
50mm 80 mesh screen filter	NF2MS80
50mm 120 mesh screen filter	NF2MS120
DISC FILTERS	
50mm 80 mesh disc filter	NF2MD80
50mm 120 mesh disc filter	NF2MD120
80mm Flow Range: Up to 833lpm	
SCREEN FILTERS	
80mm 80 mesh screen filter	NF3MS80
80mm 120 mesh screen filter	NF3MS120
DISC FILTERS	
80mm 80 mesh disc filter	NF3MD80
80mm 120 mesh disc filter	NF3MD120

FILTRATION_TAVLIT_NF5080_V1.05-20

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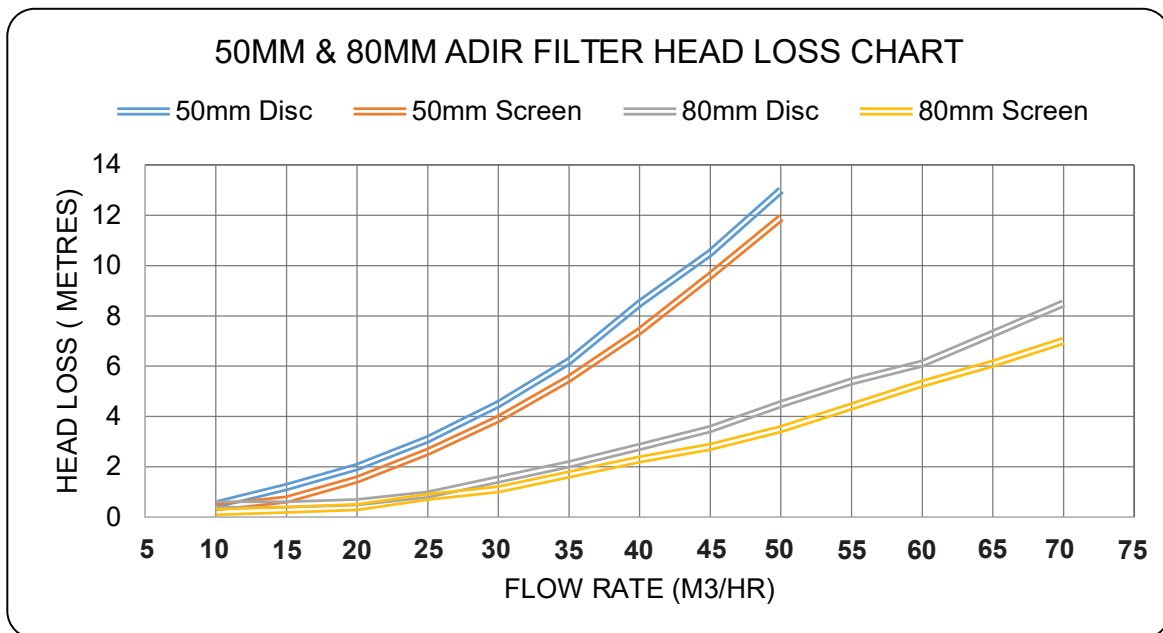


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ADIR MANUAL FILTERS - SCREEN & DISC 50MM & 80MM

HEAD LOSS CHART



50mm & 80mm Tavlit Plastic Filters - Spare Parts Screen and Disc Elements	
NFSI80B	80 mesh screen for 50mm & 80mm Tavlit filter bodies - Blue
NFSI120B	120 mesh screen for 50mm & 80mm Tavlit filter bodies - Red
NEFD80B	80 mesh disc for 50mm & 80mm Tavlit filter bodies - Yellow
NEFD120B	120 mesh disc for 50mm & 80mm Tavlit filter bodies - Red

FILTRATION_TAVLIT_NF5080_V1.05-20

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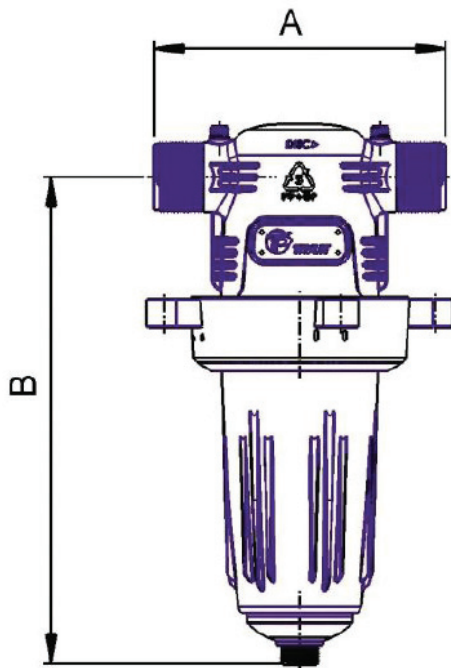


PRODUCT SPECIFICATION

FILTRATION

ADIR MANUAL FILTERS - SCREEN & DISC 50MM & 80MM

FILTER DIMENSIONS



50mm

80mm

Filter Dimensions

A: 280mm
B: 420mm
Weight: 4.6kgs

Filter Dimensions

A: 280mm
B: 450mm
Weight: 5.3kgs

FILTER ELEMENTS

In order to respond to the various needs Tavitl offers the Adir line of filters with two types of filter elements:

1. **Stainless Steel** - Stainless steel weave wire screen.
2. **Grooved Plastic** - disc elements stacked together on a telescopic spine that can be released in order to perform proper flushing of the dirt accumulated on and between the discs.

A wide range of filtration degrees is offered for various applications.



FILTER ELEMENTS

Mesh/Micron	80/200		120/120	
Stainless Steel Screen	Blue		Red	
Disc	Yellow		Red	

- Mesh count per Linear inch.
- Micron in approximate values may vary between element types

FILTRATION_TAVLIT_NF5080_V1.05-20

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