

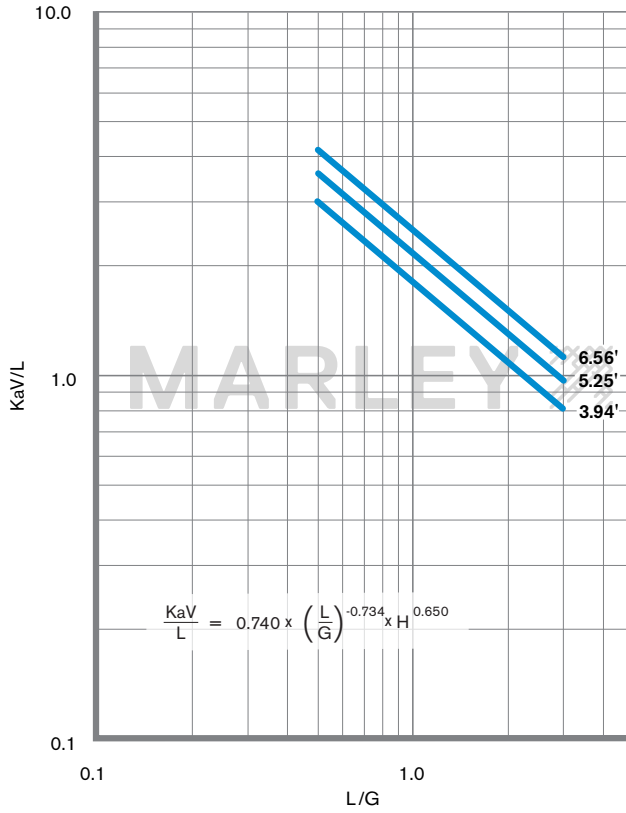
Marley DF254 film fill is designed to significantly reduce the risk of biological fouling without sacrificing high-performance heat transfer.

- Bottom support low-clog log fill configuration
- Open, angular cross-corrugations allow debris and biological growth foulant to pass, while providing maximum surface area and turbulence to develop efficient heat transfer
- Texturing creates thermal capability improvement with little effect on fouling
- Low pressure drop in an aerodynamic, durable design
- Easily adapted to your tower's configuration
- May be installed in multiple layers to accommodate for various fill heights and/or desired duties
- Thermoformed from .020" thick, UV inhibited, chemically-resistant PVC (polyvinyl chloride)
- Flame spread rating is less than 25 per ASTM E-84 and is considered self-extinguishing

DF254 is now available worldwide for any counterflow cooling tower, regardless of a cooling tower's age, design or manufacturer.

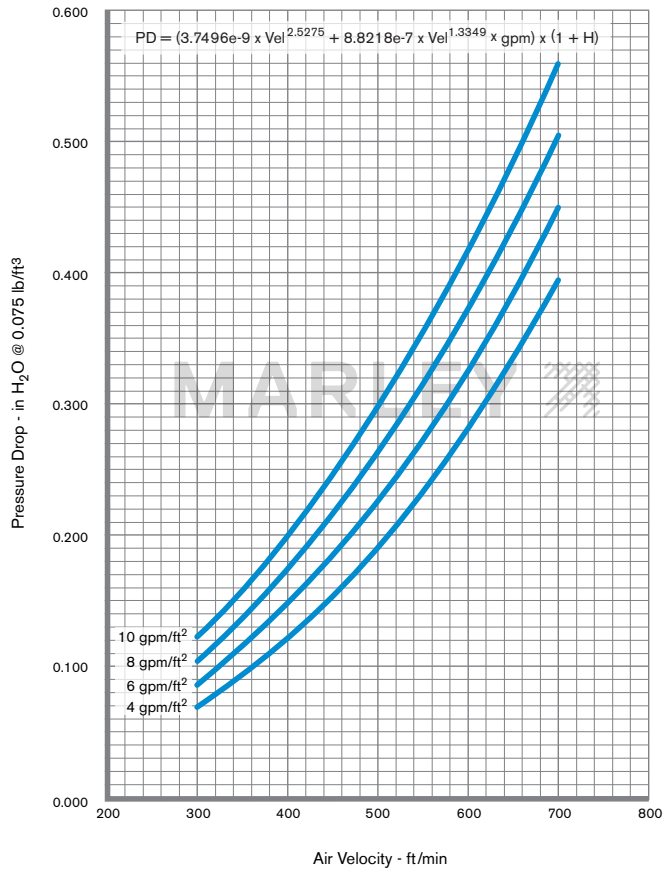
Contact your nearest Marley sales representative for more information. To locate your Marley sales representative call SPX Cooling Technologies at 800 462 7539 or at [spxcooling.com/relocator](http://spxcooling.com/relocator)

# Marley DF254 Film Fill



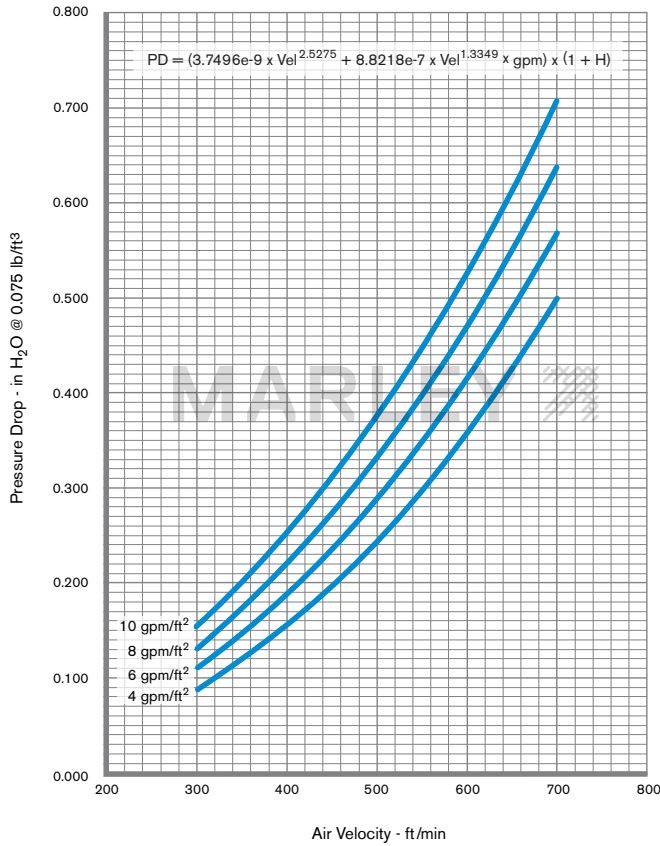
**KaV/L**

**Note** – Data is based on testing in a controlled environment with properly seasoned fill and results in application may deviate. SPX does not take responsibility for calculations to establish the size of the cooling tower.



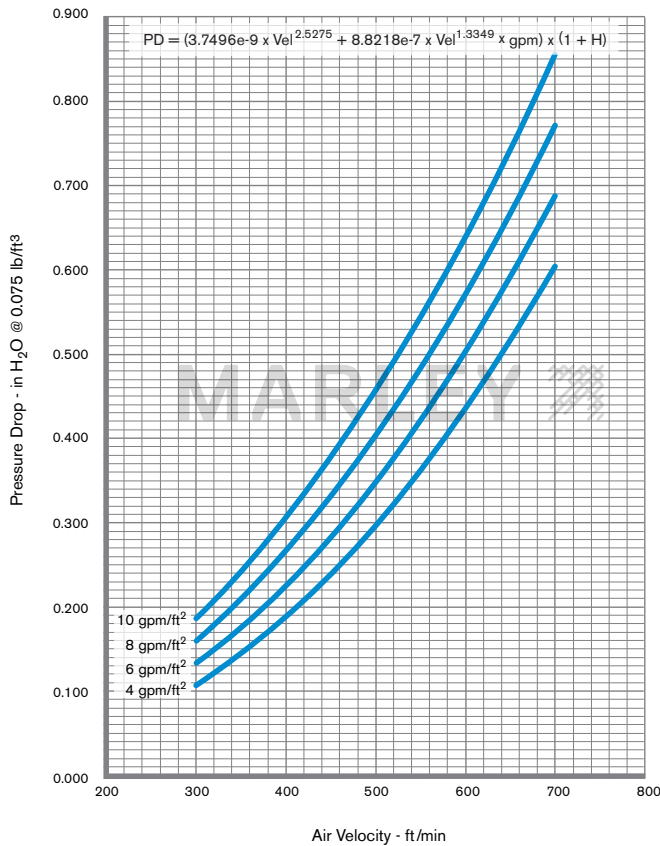
**Pressure Drop  
3.94' Fill Height**

# Marley DF254 Film Fill



## Pressure Drop 5.25' Fill Height

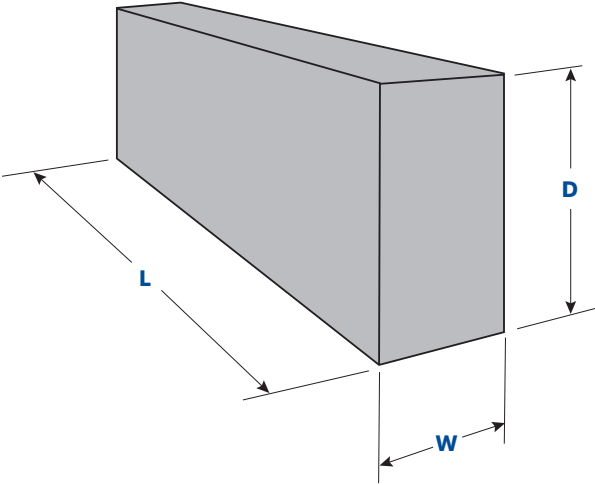
**Note** – Data is based on testing in a controlled environment with properly seasoned fill and results in application may deviate. SPX does not take responsibility for calculations to establish the size of the cooling tower.



## Pressure Drop 6.56' Fill Height

**PROPERTIES**

Surface Area – 40 ft<sup>2</sup>/ft<sup>3</sup>      Flute Angle – 11°  
 Sheet Spacing – 1"              PVC Sheet Thickness Before Forming—20 mils (.020")  
 Sheets per ft – 12                Dry Weight –1.75 lb/ft<sup>3</sup>



DF254 Pack Dimensions			
	<b>L</b>	<b>W</b>	<b>D</b>
Standard	72"	12"	47.25"
Minimum	48"	2"	15.75"
Maximum	120"	12"	47.25"

**SUGGESTED SPECIFICATION**

The fill will be used in counterflow cooling towers.

**Construction and Materials**

The fill shall be film type, constructed of multiple sheets of thermoformed PVC. Each sheet shall contain a pattern of angular cross-corrugations to develop the necessary heat transfer capabilities. Alternate reversal of corrugation angularity on adjacent sheets will establish the fill sheet spacing.

The fill shall be designed to be bottom-supported with a minimum number of supports.

**Fill Depth (air travel)**

The fill depth shall be chosen to provide the proper thermal performance. To accommodate for various fill heights and/or desired duties, the fill may be installed in multiple layers.

**Note** – Data is based on testing in a controlled environment with properly seasoned fill and results in application may deviate. SPX does not take responsibility for calculations to establish the size of the cooling tower.

**SPX COOLING TECHNOLOGIES, INC.**

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