

# PRODUCT & ENGINEERING BULLETIN

# Wix 46405 Air Filter

## Thermo King

## Out Performs OE



Testing by  
Independent Lab



Wix lasts 2.5  
Times Longer

Baldwin	Donaldson	Fleetguard	Fram	Luberfiner	Thermo King
PA 2804	DO65008 X006229	AH1189	CA6856	LAF1829	11-5978 11-7400

TABLE I. INITIAL RESTRICTION, INITIAL AND CUMULATIVE EFFICIENCY, AND DUST CAPACITY  
PTI FINE TEST DUST @0.028 g/ft<sup>3</sup> air, except for initial efficiency (1 g/ft<sup>3</sup> media, 0.003 g/ft<sup>3</sup> air for 30 min.), AIRFLOW RATE: 65 scfm

Elements tested in a horizontal, 7-inch diameter duct

Test No.	Part No.	Initial RP *	Initial ** Efficiency, %	Cumulative ** Efficiency, %	Dust *** Capacity, g	Comments
1	AMR 7400/46405	6.5	97.97	99.94	305	No leaks
2	Thermoking 11-7400	5.5	94.81	98.40	305	No leaks

Filters Tested 1/96

\* Initial pressure drop, housing and clean element, at 65 scfm.

\*\* Efficiency =  $\left[ 1 - \frac{\text{wt. gain of absolute}}{\text{wt. of dust fed}} \right] \times 100$

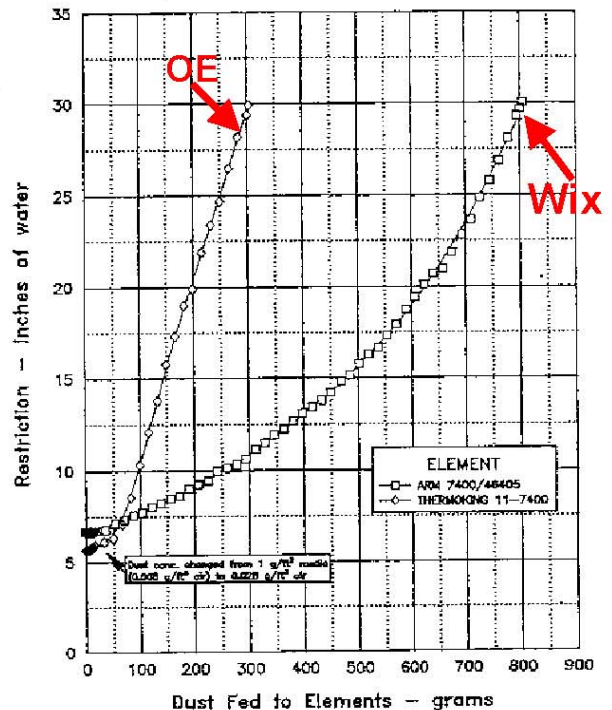
\*\*\* Based on dust fed at 30 inches of water terminal restriction.

### SOUTHWEST RESEARCH INSTITUTE

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#00-1 1-3-00 Wix HD

DUST HOLDING CAPACITY; RESTRICTION VS DUST FED  
PTI Fine Dust at 0.028 g/ft<sup>3</sup> air; Airflow: 65 scfm  
ARM 7400/46405 and Thermoking 11-7400 air filter elements



## The Heavy Duty Filter™



WIX FILTRATION PRODUCTS  
HEAVY DUTY FILTERS