

COMPARISON: VA DEQ VS. SMARTFENCE®

VIRGINIA

VA DEQ Requirements ¹	SMARTfence® 42	SMARTfence® 36
Drainage area of 1/4 acre per 100 ft. of fence; max slope length behind fence is 100 ft. with max gradient of 50%.	✓*	✓
Use in minor swales or ditches with max. 1 cfs flow	✓	✓
Synthetic fabric	✓**	✓**
Filtering efficiency of >75% per ASTM D 5141	✓	✓
Tensile strength at 20% (Max.) elongation: Extra Strength at >50 lbs./in.	✓	✓
Flow per ASTM D 5141 >0.2 gpm/ft ²	✓	✓
UV Stability >90%	✓	✓
Height of fence above ground shall not exceed 34 in.	✓	✓
All requirements for posts, trenching, and installation of fence	✓	✓
Virginia DOT Approved	✓	✓

ACF Environmental's SMARTfence 36 & 42 both meet or exceed the requirements set by the Virginia DEQ.



SMARTfence

36" SMARTfence and 42" SMARTfence both meet or exceed the requirements set forth in the Virginia Department of Environmental Quality *Erosion and Sediment Control Handbook* for sediment control.

* ✓ Smartfence product meets or exceeds requirement

** High tensile woven polypropylene

¹ Virginia Erosion and Sediment Control Handbook (VESCH), 3rd edition, 1992