Fracture pore volume = Vef

Total volume of the fracture opening:

(1) $$V_{ef} = V_f \cdot \phi_f = 2 \cdot X_f \cdot w_f \cdot \phi_f$$

where

V_f	fracture volume
X_f	fracture half-length
w_f	fracture width
ϕ_f	fracture porosity

See Also

Geology / Rocks / Fracture

[Fracture] [Infinite conductivity fracture] [Finite conductivity fracture]

[Petroleum Industry / Upstream / Well / Well-Reservoir Contact (WRC) / Hydraulic Fracture]

[Production / Subsurface Production / Well & Reservoir Management (WRM) / Well stimulation / Hydraulic Fracturing]

[Hydraulic Fracture @model]