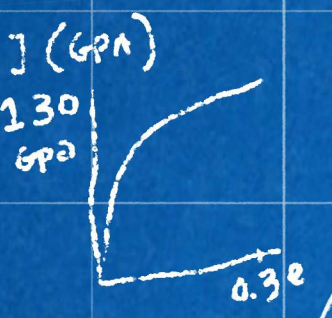


DESIGN 311 - FIREPROOF SUPER SUIT

JOINTS -
M-5 FIBER GRAPHENE?

flexible & ductile
1/530 in me - 0.55



51" 53 [x4]"

ventilation mask and protective screen

= M5 FIBER

- 1.4% elongation at break
- 40-60% lighter than kevlar
- $K \sim 10^4 \text{ W/m} \cdot \text{K}$
- $\frac{20}{2t} = -k \frac{\Delta T}{t}$

belt for utility/etc.

kneepads for falls, rubble

boots - top covered in M5-fiber

