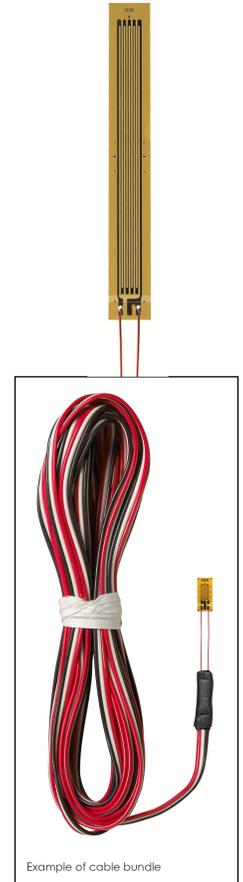


### Customer Requirements

- Temperature range:  $>-60^{\circ}\text{F}$  to  $+180^{\circ}\text{F}$  ( $-50^{\circ}\text{C}$  to  $+80^{\circ}\text{C}$ )
- Uniaxial strain pattern with a 2 inch active grid length fully encapsulated
- Temperature compensated for Concrete, Steel
- Resistance:  $350\ \Omega$
- Leadwire: 10 ft of 326-DFV, preattached
- Elongation:  $\pm 3\%$  ( $30,000\ \mu\epsilon$ ) one time elongation;  $\pm 1500\ \mu\epsilon$  for  $10^6$  cycles
- Ideal for Civil Engineering projects where a larger gage is desired
- Pre-attached vinyl insulated cables makes installation fast and much easier



Example of cable bundle

### Applications

- Civil Engineering
- Concrete Structures
- Rock
- Stone
- 2-inch active grids for better averaging

Datasheet:

<http://www.vishaypg.com/doc?11256>



## Customer Requirements

- Temperature range:  $>-100^{\circ}\text{F}$  to  $+200^{\circ}\text{F}$
- Linear
- Temperature compensated for Steel, Stainless (17-4)
- Resistance:  $3500\ \Omega$
- Elongation:  $\pm 0.5\%$  ( $5,000\ \mu\epsilon$ ) one time elongation
- Ideal when bonding condition due not allow adhesives to be used to bond the gage



## Applications

- Civil engineering
- Rebar
- Bridges
- Structural health monitoring
- Other applications on steel alloys



Datasheet:

<http://www.vishaypg.com/doc?11519>