



# *IVIN flexVAC*<sup>™</sup> 180 HR (180 HR)

## High temperature abrasion resistant suction hose

An ideal solution for heavy-duty suction applications in high-temperature and abrasive environments. Lightweight, flexible, and designed to withstand temperatures up to 220°F, it ensures efficient material handling of fly ash, crushed rock, sand, pea gravel, or cement powder.



### **FEATURES**

Lightweight and flexible suction hose designed to sustain temperatures up to 220°F. Integral wire helix can be grounded. External helix provides easy drag. The smooth bore allows for precise flow because no irregularities in the wall can cause interruptions.

#### **APPLICATIONS**

Heavy-duty suction applications where high temperature and abrasion are factors such as vacuum trucks or the handling of fly ash, crushed rock, sand, pea gravel or cement powder

#### CONSTRUCTION

EPDM rubber, polyethylene helix, metal helical wire, smooth bore, corrugated O.D.

#### TEMP. RANGE

-40°F to 220°F

#### AVAILABLE SIZES

| ID<br>(inches) | OD<br>(inches) | Pitch<br>(inches) | Minimum Bend<br>Radius<br>(72°F, inches) | Working<br>Pressure<br>(72°F, PSI) | Vacuum<br>Rating<br>(72°F, In Hg) | Weight<br>(Lbs/Ft) | Standard<br>Length<br>(Ft) |
|----------------|----------------|-------------------|--|------------------------------------|-----------------------------------|--------------------|----------------------------|
| 4              | 4.69           | 0.65              | 5.5                                      | 30                                 | 29.8                              | 1.75               | 50,100                     |
| 5              | 6.92           | 0.86              | 9.0                                      | 30                                 | 29.0                              | 3.06               | 50,100                     |
| 6              | 6.90           | 0.83              | 9.8                                      | 30                                 | 28.0                              | 3.46               | 50,100                     |
| 8              | 9.13           | 0.83              | 15.0                                     | 30                                 | 27.0                              | 6.00               | 50                         |

Over flexing or repeated flexing of hose within 18" of fitting is a common cause of hose failure. Installing a 12"-14" section of our Banding Coil at the end of the hose should be considered. *Kanaflex will not be responsible for damage to hose due to over flexing*.