



# SIGMA FDA FLEXICLEAR™ SPRING

## FDA PVC Vacuum Transfer Hose

Sigma FDA PVC FlexiClear® Spring Hose – Clear, FDA-grade PVC vacuum and transfer hose with rigid PVC helix reinforcement for excellent flexibility, visual flow monitoring, and reliable performance in food and sanitary applications. NSF51 Certified, Phthalate Free.



### TECHNICAL DATA

|                |                                                                                                                  |
|----------------|------------------------------------------------------------------------------------------------------------------|
| Construction:  | Clear NSF51 Certified and Phthalate Free PVC material. FDA-grade material meets USDA, NSF and ROHS requirements. |
| Reinforcement: | Helix spiral steel wire.                                                                                         |
| Temperature:   | +25°F to +150°F                                                                                                  |
| Branding:      | TEXCEL SIGMA FDA FLEXICLEAR® SPRING NSF51 USDA                                                                   |

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|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
| I.D.                                                                                | Part Number                                                                         | O.D.                                                                                | Std. Length                                                                         | Working Pressure (psi)                                                              | Vacuum (in./HG)                                                                       | Bend Radius                                                                           | Lbs./Ft.                                                                              |
| 1/2"                                                                                | FLEX-WIRE-.500-100                                                                  | 0.75                                                                                | 100'                                                                                | 100                                                                                 | 29                                                                                    | 2"                                                                                    | 0.15                                                                                  |
| 1/2"                                                                                | FLEX-WIRE-.500-50                                                                   | 0.75                                                                                | 50'                                                                                 | 100                                                                                 | 29                                                                                    | 2"                                                                                    | 0.15                                                                                  |
| 5/8"                                                                                | FLEX-WIRE-.625-100                                                                  | 0.89                                                                                | 100'                                                                                | 100                                                                                 | 29                                                                                    | 2.5"                                                                                  | 0.19                                                                                  |
| 5/8"                                                                                | FLEX-WIRE-.625-50                                                                   | 0.89                                                                                | 50'                                                                                 | 50                                                                                  | 29                                                                                    | 2.5"                                                                                  | 0.19                                                                                  |
| 3/4"                                                                                | FLEX-WIRE-.750-100                                                                  | 1.03                                                                                | 100'                                                                                | 70                                                                                  | 29                                                                                    | 3"                                                                                    | 0.24                                                                                  |
| 3/4"                                                                                | FLEX-WIRE-.750-50                                                                   | 1.03                                                                                | 50'                                                                                 | 70                                                                                  | 29                                                                                    | 3"                                                                                    | 0.24                                                                                  |
| 1"                                                                                  | FLEX-WIRE-1.0-100                                                                   | 1.30                                                                                | 100'                                                                                | 70                                                                                  | 29                                                                                    | 4"                                                                                    | 0.33                                                                                  |
| 1"                                                                                  | FLEX-WIRE-1.0-50                                                                    | 1.30                                                                                | 50'                                                                                 | 70                                                                                  | 29                                                                                    | 4"                                                                                    | 0.33                                                                                  |
| 1-1/4"                                                                              | FLEX-WIRE-1.25-50                                                                   | 1.61                                                                                | 50'                                                                                 | 70                                                                                  | 29                                                                                    | 5"                                                                                    | 0.50                                                                                  |
| 1-1/2"                                                                              | FLEX-WIRE-1.5-50                                                                    | 1.86                                                                                | 50'                                                                                 | 50                                                                                  | 29                                                                                    | 6"                                                                                    | 0.58                                                                                  |
| 2"                                                                                  | FLEX-WIRE-2.0-50                                                                    | 2.39                                                                                | 50'                                                                                 | 50                                                                                  | 29                                                                                    | 8"                                                                                    | 0.84                                                                                  |