# R285/R287 FULL VACUUM RATED HOSE

**R285/R287**
**FULL VACUUM RATED HOSE**

## APPLICATIONS:

- Chemical processing
- Pulp and paper
- Vacuum transfer applications
- Compressor intake

## TEMPERATURE RANGE:

- -40°F to 400°F (-40°C to 204°C) Consult factory for flexing and vacuum applications at temperature limits

## R285 HOSE CONSTRUCTION:

Heavy-wall innercore of convoluted PTFE, externally reinforced with PTFE-impregnated fiberglass, a patented spring wire spiral to prevent collapse, and type 304 stainless steel wire braid.

## R287 HOSE CONSTRUCTION:

Conductive hose has a precisely controlled amount of carbon black added to the PTFE innercore. This provides a continuous path to the metal end fittings, to bleed off static electricity, ensuring performance.

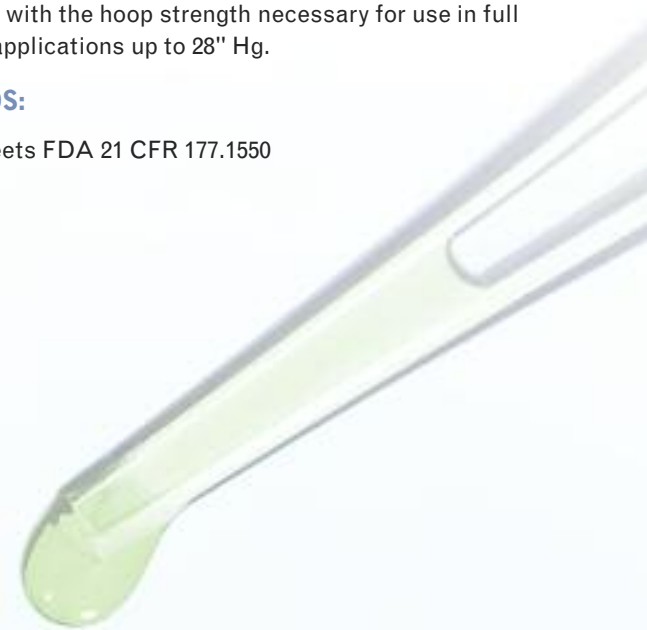
**Extra heavy duty construction with additional wire support provides the ultimate in flexibility for use in full vacuum conditions.**

## APPLICATION ADVANTAGES:

- Incorporates a heavy wall PTFE (non-conductive/conductive) innercore reinforced with an external stainless steel wire wrapped in the root of the convolution under the stainless steel braid.
- This additional wire reinforcement provides unmatched flexibility with the hoop strength necessary for use in full vacuum applications up to 28" Hg.

## STANDARDS:

- PTFE meets FDA 21 CFR 177.1550



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| HOSE PART NUMBER | NOMINAL SIZE | | NOMINAL ID | NOMINAL OD | OPERATING PRESSURE | BURST PRESSURE ROOM TEMP | MAXIMUM CONTINUOUS LENGTH | MINIMUM BEND RADIUS @ ROOM TEMP | HOSE WEIGHT |
|---|---|---|---|---|---|---|---|---|---|
| | in | mm | in | in | psi | psi | ft | in | lb/ft |
| R285/R287-24 | 1-1/2 | 38 | 1.52 | 1.900 | 750 | 3,000 | 40 | 7.50 | .882 |
| R285/R287-32 | 2 | 51 | 2.02 | 2.445 | 500 | 1,900 | 40 | 10.00 | 1.194 |