

R285 FULL VACUUM RATED HOSE

FLEXIBLE PTFE HOSE

CONVOLUTED

TEMPERATURE RANGE:

- -65°F to 400°F (-54°C to 204°C) Consult factory for flexing and vacuum applications at temperature limits

STANDARDS:

- PTFE meets FDA 21 CFR 177.1550

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.

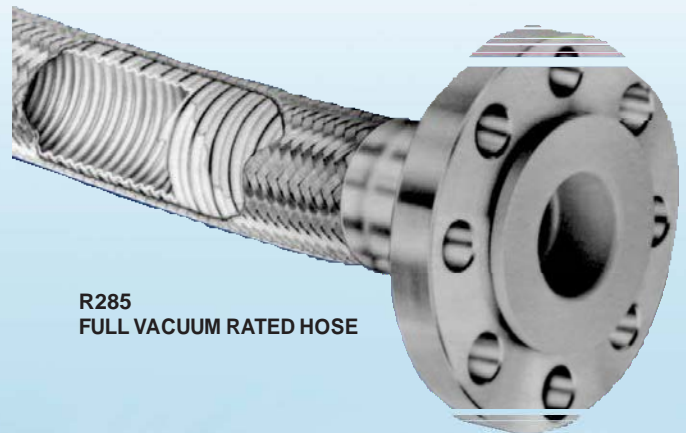
Extra heavy duty construction with additional wire support provides the ultimate in flexibility for use in full vacuum conditions.

The R285 series hose 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.

AVAILABILITY:

Convoluted PTFE can be fitted and tested to your exact specification. Kord Industrial is certified to fabricate and distribute all Titeflex convoluted R285 series hose assemblies.

Rapid response and same day shipping is always available from a large on-site inventory.



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END FITTING ATTACHMENTS:

R285 series hose fitting selections include male pipe, JIC female swivel, sanitary flange and flange retainer ends to support use of 150# and 300# ANSI lap joint flange.

Fitting materials available are plated carbon steel, 316 SS, and an optional PTFE coated flange retainer.

The hose ends are permanently attached by either swaging or crimping, depending on end style selected.

Please see Hose End Catalog for complete fitting selection and specifications.

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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
R285-24	1-1/2	38	1.52	1.900	750	3,000	40	7.50	.882
R285-32	2	51	2.02	2.445	500	1,900	40	10.00	1.194

WARNING: These products can be used to convey hazardous fluids, steam, and other dangerous materials which can cause personal injury or property damage if released through misuse, misapplication, or damaged. The user is responsible to analyze each application prior to specifying any product from this catalog. Due to the wide variety of operating conditions and applications, the user, through personal analysis and testing, is solely responsible for final product selection and meeting all performance, safety, and warning requirements. Careful selection, proper assembly and use of hose fittings and accessories is essential for the safe and warranted operation of the hose assembly.