



FGR Sanitary Transfer Hose

FGR hose contains multiple-fabric reinforcements for pressure capability along with a single-helix, stainless steel wire that enables the hose to flex easily, withstand vacuum and facilitate static grounding. Cover and reinforcements are designed to withstand rough handling, high temperature and a variety of application requirements.

Temperature range: -40°F (-40°C) to 250°F (121°C)

Features:

- Grey outer EPDM cover with red spiral stripe
- Multi-plys of high-temperature rated rubber with fabric reinforcements
- White Nitrile-PVC blend inner tube
- Inner stainless steel helix wire for flexibility
- Full vacuum rating

Typical Applications:

- Ultra-pure water transfer
- Pump vibration damping
- Load cell connections
- Washdown stations
- Hot CIP transfers
- Specially designed to handle oil-based materials.

FDR Series Hose Specifications

Part Number	Hose Size I.D. in.	Hose Size I.D. MM	Hose Size O.D., in.	Hose Size O.D., MM	Max. WORKING Pressure (PSI)	Min. Burst Pressure (PSI)	Min Bend Radius (in.)	Vacuum Rating (in.)	Wt. Per Ft. (LB)
HOSFGR-08	.500	12.7	.972	24.7	400	1650	1.5	29.9	0.4
HOSFGR-12	.750	19.1	1.268	32.2	375	1500	2.0	29.9	0.5
HOSFGR-16	1.000	25.4	1.518	38.6	350	1450	3.0	29.9	0.6
HOSFGR-24	1.500	38.1	2.020	51.3	300	1200	4.0	29.9	0.9
HOSFGR-32	2.000	50.8	2.520	64.0	250	1050	4.5	29.9	1.3
HOSFGR-40	2.500	63.5	3.138	79.7	150	700	6.0	29.9	1.9
HOSFGR-48	3.000	76.2	3.650	92.7	150	600	7.0	29.9	2.3
HOSFGR-64	4.000	101.6	4.670	118.6	150	600	10.0	29.9	3.1