

PATRIOT® 1776

EXTREME CHEMICAL

LIGHTWEIGHT AND FLEXIBLE, THE PATRIOT® EXTREME CHEMICAL SUCTION & DISCHARGE HOSE IS DESIGNED TO HANDLE MOST EVERY COMMON INDUSTRIAL CHEMICAL IN USE TODAY.

1776



TUBE: Clear ultra high molecular weight polyethylene

COVER: Green abrasion resistant EPDM

REINFORCEMENT: Multiple plies of high tensile textile with dual helix.

SERVICE TEMPERATURE RANGE: -40°F To +250°F (-40°C To +121°C)

NOT FOR STEAM SERVICE: Open end steam cleaning is allowed.

FEATURES:

- Food grade quality meets FDA & USDA standards
- Non-staining UHMWPE tube
- Available in a corrugated (C-Series) version, offering greater flexibility

NOMINAL SPECIFICATIONS

PART NO.	I.D. (in)	I.D. (mm)	O.D. (in)	O.D. (mm)	PLIES	VACUUM (Hg)	MBR (in)	W.P. (psi)	WEIGHT (lbs/ft)
1776-100-USH	1	25.4	1.55	39.37	2	29"	4	250	0.63
1776-150-USH	1.5	38.1	2.05	52.07	2	29"	5	250	1.06
1776-200-USH	2	50.8	2.56	65.02	2	29"	8	250	1.33
1776-300-USH	3	76.2	3.61	91.69	2	29"	16	200	2.12
1776-400-USH	4	101.6	4.65	118.11	2	29"	24	200	2.83
1776-600-USH	6	152.4	7.07	179.58	2	29"	30	200	4.95

WARNING! NEVER USE PATRIOT® 1776 OR 1776C ABOVE US HOSE & COUPLING'S RATINGS

The chemical resistance rating can change with temperature rise. Please verify that the chemical to be transferred is safely rated for use with this hose by checking our chemical resistance chart. Because chemicals become more aggressive at elevated temperatures, the UHMWPE tube may experience a reduction in resistance. Therefore verify the chemical temperature and concentration with our ratings. No data assumes responsibility lies with the end user.

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CHEMICAL