

36. Chlorine Hose (CL2™)

36.1. CL2™ Hose

PureFlex CL2™ hose assemblies are specifically designed for the safe transfer of chlorine in the manufacturing, transporting, and packaging industries. It is ideal for loading/unloading barges, rail cars, tankers and filling 1-ton, 100 lb and 150 lb cylinders. CL2™ hose has excellent chemical resistance and is not subject to stress fatigue or corroding like metal hose. It is light weight, easy to clean and resists corrosion from any exposure to moisture/humidity which can unintentionally enter systems.

Chlorine, Bromine, Sodium Hypochlorite, and other highly aggressive oxidizers or corrosives.

36.2. CL2™ Materials

Monel or Hastelloy for endfittings. Kynar or Hastelloy for braid.

Please ask best selection for your application.



I.D. Inch	O.D. mm	Working Pressure MPa	Minimum Burst Pressure MPa	Testing Pressure MPa	Weight kg/m
1/2	19.1	3.4	17.2	6.9	0.28
1	38.1	2.6	12.9	5.2	0.60
1-1/2	53.3	2.6	12.9	5.2	0.88
2	66.5	2.1	10.3	4.1	1.29

36.3. Outer Cover

Variety outer covers can be applied to any PTFE hose products.

- ① Scuff Sleeve
- ② Fire Sleeve
- ③ Polyolefin Heat Shrink
- ④ Armor Guard
- ⑤ Spring Guard

