

Product information is subject to change. For full details, visit our website or contact Customer Service.

## ATLAS™ ACID DISCHARGE

This is to be used as a discharge hose only. For pinch valve service or for use where acid forms crust inside hose that must be broken off. Also for handling many inorganic acids with the exception of strong oxidizing agents such as nitric, chromic and concentrated sulphuric. This hose will withstand most inorganic salts and alkalis. The black SBR/EPDM cover resists abrasion, sunlight and weathering.

⚠ See Chemical Hose Warnings, pages 29 and 148.



**Cover Color:** Black  
**Oil Resistance:** Limited  
**Construction:**  
**Tube:** 3/16" NR  
**Cover:** SBR/EPDM  
**Reinforcement:** Multiple plies of strong, square-woven duck  
**Temperature Range:** -40°F to +160°F  
 -40°C to +71°C

Consult the Chemical Resistance Guide for specific chemical/temperature recommendations.

**Packaging:** 50 ft. lengths  
**Minimum Run:** 500 ft./size

Product Number	Nominal I.D.		Nominal O.D.		Plies	Working Pressure		Min. Bend Radius		Weight	
	(inches)	(mm)	(inches)	(mm)		(psi)	(Mpa)	(inches)	(mm)	(lb/ft)	(Kg/m)
21204420502	3/4	19.05	1.50	38.10	4	150	1.03	n/a	n/a	0.70	1.04
21204421502	1	25.40	1.75	44.45	4	150	1.03	n/a	n/a	0.80	1.19
21204422502	1-1/4	31.75	2.00	50.80	4	150	1.03	n/a	n/a	0.90	1.34
21204423502	1-1/2	38.10	2.25	57.15	4	100	0.69	n/a	n/a	1.10	1.64
21204424502	2	50.80	2.81	71.44	4	100	0.69	n/a	n/a	1.40	2.08
21204425502	2-1/2	63.50	3.31	84.14	4	75	0.52	n/a	n/a	1.70	2.53
21204426502	3	76.20	3.81	96.84	4	75	0.52	n/a	n/a	1.90	2.83

n/a = Not Applicable

## ATLAS™ ACID SUCTION & DISCHARGE

This hose is used for suction and discharge service handling many inorganic acids, except the strong oxidizing agents. This hose also withstands most salts and alkalis. This hose is made with capped, straight or enlarged ends. Can be made with Flexlock™ or Flexseal™ ends, so that no metal contacts corrosives. The black SBR/EPDM cover resists abrasion, sunlight and weather. The helical wire and multiple plies of reinforcement enable this hose to maintain full vacuum and be able to handle the discharge pressures. Flexible construction keeps the hose round when bent, reducing kinking. Tube thickness can be specified according to the severity of the service.

⚠ See Chemical Hose Warnings, pages 29 and 148.



**Cover Color:** Black  
**Oil Resistance:** Limited  
**Construction:**  
**Tube:** 3/16" NR  
**Cover:** SBR/EPDM  
**Reinforcement:** Multiple plies of strong, square-woven duck with helical wire  
**Temperature Range:** -40°F to +160°F  
 -40°C to +71°C

Consult the Chemical Resistance Guide for specific chemical/temperature recommendations.

**Packaging:** 50 ft. lengths maximum  
**Minimum Run:** Varies with size. Contact customer service for required minimums

Product Number	Nominal I.D.		Nominal O.D.		Plies	Working Pressure		Min. Bend Radius		Weight	
	(inches)	(mm)	(inches)	(mm)		(psi)	(Mpa)	(inches)	(mm)	(lb/ft)	(Kg/m)
21204482502▲	2	50.80	2.88	73.03	3	100	0.69	7.00	177.80	2.00	2.98
21204484502▲	2-1/2	63.50	3.50	88.90	3	75	0.52	8.00	203.20	2.60	3.87
21204486502▲	3	76.20	4.00	84.14	3	75	0.52	9.00	228.60	3.00	4.46
11404532502▲	3-1/2	88.90	4.50	114.30	3	75	0.52	12.00	304.80	3.40	5.06
11404534502▲	4	101.60	5.16	127.00	4	75	0.52	16.00	406.40	4.20	6.25
11404536502▲	4-1/2	114.30	5.56	141.29	4	75	0.52	18.00	457.20	5.20	7.74
11404538502▲	5	127.00	6.13	155.58	4	50	0.34	25.00	635.00	5.70	8.48
11404541502▲	6	152.40	7.13	180.98	4	50	0.34	30.00	762.00	6.90	10.27
11404543502▲	6-5/8	168.28	7.94	198.44	5	50	0.34	39.75	1009.65	8.00	11.91
11404546502▲	8	203.20	9.31	236.54	5	50	0.34	48.00	1219.20	11.40	16.97
11404548502▲	8-5/8	219.08	9.94	252.41	5	50	0.34	51.75	1314.45	12.40	18.45
11404550502▲	10	254.00	11.38	288.93	6	50	0.34	60.00	1524.00	14.10	20.98

▲ = Make To Order (MTO)