



# HARVEST PLUS™

## Food Suction Hose

### Chlorobutyl Tube – Crush Resistant

#### FDA, PMO, USDA, 3-A

#### Series SM382

Series SM382 is a suction and discharge hose designed to handle non-fatty and non-oily foods, liquids, sanitary products and potable water in a variety of transfer applications. The hose is manufactured using polished stainless steel mandrels for an ultra-smooth tube that will not impart taste or odor, and is resistant to bacteria and microbes. The lightweight construction incorporates a unique dual monofilament helix that provides full suction capability with superior crush and kink resistance—allowing the hose to return to its original shape—and flexibility for ease of handling. The dual static wires provide a path to conduct an electrical charge to ground. The EPDM cover is resistant to abrasion, mild chemicals and ozone.

**Tube:** White chlorobutyl  
**Reinforcement:** Multiple textile plies with dual monofilament helix and dual static wire  
**Cover:** Gray EPDM; wrapped finish  
**Temp. Range:** -40°F to +225°F (-40°C to +107°C)  
**Brand Method:** Purple text on yellow stripe  
**Brand Example:** PARKER SERIES SM382 HARVEST PLUS+ CRUSH RESISTANT FOOD/BEVERAGE/WINE SUCTION HOSE XXX PSI WP MEETS FDA/USDA/3-A REQUIREMENTS (3-A LOGO) MADE IN USA

**Design Factor:** 4:1  
**Industry Standards:** FDA, PMO, USDA, 3-A  
**Applications:**

- Non-fatty and non-oily foods, liquids, milk, potable water, sanitary products
- In-plant and tank transfer
- Delivery, transport

**Vacuum:** Full (1-1/2" ID through 3" ID); 15" Hg (4" ID)  
**Packaging:** Coils

Part Number	ID (in)	ID (mm)	Reinf Plies	OD (in)	OD (mm)	Approx Wt (lbs/ft)	Approx Wt (kg/ft)	Min Bend Rad (in)	Min Bend Rad (mm)	Max Rec WP (psi)	Max Rec WP (bar)	Perm Cplg Rec *	Std Pack Qty (ft)
SM382-1500	1-1/2	38.1	4	2.250	57.2	1.16	0.53	5.0	127.0	250	17.2	*	100
SM382-2000	2	50.8	4	2.781	70.6	1.53	0.69	7.0	177.8	250	17.2	*	100
SM382-2500	2-1/2	63.5	4	3.281	83.3	1.93	0.88	13.0	330.2	250	17.2	*	100
SM382-3000	3	76.2	4	3.781	96.0	2.27	1.03	21.0	533.4	250	17.2	*	100
SM382-4000	4	101.6	4	4.781	121.4	3.03	1.37	40.0	1016.0	200	13.8	*	100

**⚠ WARNING!** Couplings attached with bands or clamps may reduce the working pressure of the hose assembly to less than the maximum rated working pressure of the hose. [Refer to the NAHAD Industrial Hose Assembly Guidelines.](#)