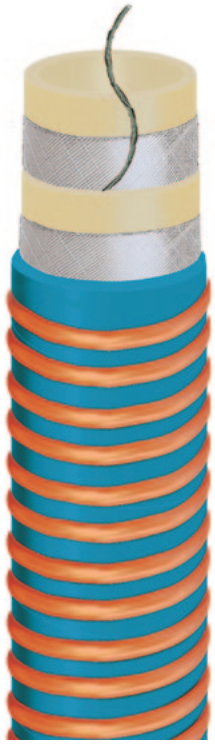

LIGHT-N-BRIGHT™
Modified XLPE Chemical Hose
External PVC Helix
Series SP483

Series SP483 is an extremely flexible suction and discharge hose designed to handle many commonly used acids, chemicals and solvents. The modified cross-linked polyethylene (MXLPE) tube will not leach into and contaminate the product being conveyed. The lightweight hose construction incorporates a static wire as a path to conduct an electrical charge to ground, and the cover features an external PVC helix for full suction capability and superior abrasion, crush and kink resistance. Series SP100 banding coils are recommended for installation of couplings. Series XSP100 abrasion coils are available for maximum abrasion resistance along the entire length of the hose.

NOTE: Refer to the Safety and Technical section of this catalog for safety, handling and use information. Refer to the Chemical Guide section of this catalog to determine compatibility with specific chemicals. Contact Parker for additional chemical compatibility information.

Tube: Tan modified cross-linked polyethylene (MXLPE)
Reinforcement: Multiple textile plies with static wire
Cover: Blue synthetic rubber with external orange PVC helix
Temp. Range: -40° to +180°F (-40°C to +82°C)
Brand Method: Not branded
Design Factor: 4:1
Industry Standards: None applicable
Applications:
- Acid, chemicals, solvents
- In-plant tank transfer
- Delivery, transport

Vacuum: Full
Packaging: Coils
Couplings: Requires SP100 Banding 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)	Stock Status **
SP483-2000	2	50.8	2	3.00	76.2	1.23	0.56	16.0	406.4	150	10.3	*	100	N
SP483-3000	3	76.2	2	4.00	101.6	1.76	0.80	24.0	609.6	150	10.3	*	100	N
SP483-4000	4	101.6	2	5.00	127.0	2.30	1.04	28.0	711.2	150	10.3	*	100	N

* **Couplings:** Refer to CrimpSource at www.safehose.com for coupling recommendations and crimp specifications.
** **Stock:** "Y" indicates stocked item; "N" indicates non-stocked item. Stock status subject to change. Contact Parker Customer Service.

⚠WARNINGS!
- It is the responsibility of the user to determine if the hose is suitable for the application. Most chemical resistance guides are based on temperatures of 70°F (21°C). Elevated temperatures can change the chemical resistance ratings. Many chemicals will become more aggressive as temperatures increase, reducing the ability of hose compounds to withstand them. Contact Parker for chemical compatibility data at elevated temperatures. If no data exists, users are required to perform compatibility testing at the desired temperature.
- At operating temperatures of 125°F and above, only permanently attached couplings should be installed. At any operating temperature, 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.

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