

Challenger CES

CHALLENGER™



Application

Lightweight and flexible hose with abrasion resistant cover for agricultural chemicals, general industrial use and oilfield service. Applications include liquid waste and septic handling. External helix provides low drag co-efficient. Suitable for full vacuum.

Construction

Tube- Smooth, black (rubber) NBR/PVC
Cover- Green PVC helix

Temperature Range

-40°C to +60°C (-40°F to +140°F)

Standard Lengths

1-1/2" □ to 6" □ - Max Length 100 ft. - Cut to 5 ft. multiples

Parts No.	I.D. Inches	O.D. Inches	Max W.P. @ 70°F/20°C	Bend Radius	Vacuum Rating (in Hg) 68F	Approx. Wt. Per. Ft. lbs.
CES-1.5	1.5	1.85	50	3.2"	29.0	0.41
CES-2	2	2.43	50	5.2"	29.0	0.67
CES-3	3	3.52	45	7.1"	29.0	1.10
CES-4	4	4.60	38	11.0"	29.0	1.84
CES-6	6	6.81	23	20.0"	28.0	3.23

Working pressures are calculated at 70 degrees F (20 degrees C). Maximum working pressure decreases as temperature increases. Pressure ratings can only be achieved using proper coupling procedures. Bend radius is calculated at 70 degrees F (20 degrees C). Flexibility may vary at different temperatures. Please contact IRP if you have concerns regarding your application.