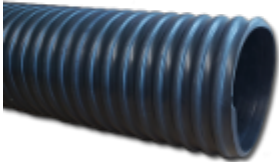


CHALLENGER CAR
CHALLENGER™

Application

Suction and discharge of dry materials such as sand, crushed rock, cement etc. Commonly used on daylighting trucks and roof vac applications. Static dissipating with no grounding wire.

Construction

Tube- Black abrasion resistant, static conducting synthetic rubber
 Reinforcement- Rigid PVC clockwise helix (right hand)
 Cover- Corrugated black abrasion resistant rubber
 Branding- Unbranded

Temperature Range

-40°C to +60°C (-40°F to +140°F)

Standard Lengths

2"□ to 6"□ - Max length 100 ft. - Cut to 5 ft. multiples
 8"□ - Max length 34 ft. - Cut to 5 ft. multiples
 10"□ to 12"□ - Max length 40 ft. - Cut to 20 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.
CAR-2	2	2.35	40	2.5"	29.8	0.50
CAR-3	3	3.50	35	3.0"	29.8	1.10
CAR-4	4	4.63	30	4.5"	29.8	1.77
CAR-6	6	6.73	30	9.2"	28.0	3.16
CAR-8	8	9.04	30	15.0"	27.0	5.65

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.