

Desert® DR5

Desert® DR5 is a high-temperature, medium-pressure hose for use in applications including turbocharger oil lines, tilt cab cylinder and air brake lines, transmission coolant and filtration lines. It is compatible with petroleum oil, air, water, diesel fuel, petroleum-based lubricating oils and coolants.

** Not recommended for under-the-hood, automotive and truck fuel line applications. Only those designed and tested to meet SAE fuel line standards should be used for these applications.*

***Assemblies made with the Continental DR5 hose and Continental Field-Grip™ or Uni-Crimp™ fittings meet SAE J1402 and DOT FMVSS 571 106 specifications. Assemblies made with Uni-Crimp™ fittings also meet SAE J517 100R5 assembly requirements. Federal law requires registration with the Department of Transportation for anyone producing air brake hose assemblies.*

Performance + Specs

Meets or exceeds the performance requirements of:

- **SAE 100R5**
- **SAE J1402 Type All**
- **DOT FMVSS 106 Type All**

Temperature Ranges:

SAE 100R5 Hydraulic Applications:

- -40°F to 302°F (-40°C to 150°C)

Air Brake Applications:

- -40°F to 200°F (-40°C to 93°C)

General Hot Oil Applications:

- -40°F to 302°F (-40°C to 150°C)

General Air Applications:

- -40°F to 200°F (-40°C to 93°C)

Water Applications:

- -40°F to 212°F (-40°C to 100°C)

Note: Sizes 7/8" (-16) and 1a" (-20) do not meet SAE J1402 Type All & DOT FMVSS 106 Type All because these sizes are not listed in the referenced specifications.

Inner Tube

CPE (Chlorinated Polyethylene) Black

Reinforcement

One braid of textile, one braid of steel

Cover

Impregnated Textile Braid Blue

Temperature Range

-40°F / -40°C ~ 302°F / 150°C

Key Features

4:1 Safety Factor

High Temperature

SAE J1942/ U.S. Coast Guard / Requires GTEX Protective sleeving.

Branding

DR5-10 SAE 100R5 / DOT FMVSS 106 All J1402 AIR BRAKE 1/2" (12.7 MM) 1750 PSI (12.1 MPa) MADE IN USA

Desert® DR5

Product Numbers

SAP	Product #	ID	ID	OD	Max Working Pressure		Bend Radius		MIN BURST Pressure		Fitting Type	Weight (lb/ft)		
		Fraction	in.	mm.	in.	mm.	PSI	MPa	in.	mm.	PSI	Mpa		
20340705	DR5-04	3/16	0.19	4.80	0.52	13.20	3000	20.7	3.00	76.00	12000	82.70	UC, FG	0.15
20341023	DR5-05	1/4	0.25	6.40	0.58	14.80	3000	20.7	3.40	86.00	12000	82.70	UC, FG	0.18
20340706	DR5-06	5/16	0.31	7.90	0.68	17.10	2250	15.5	4.00	102.00	9000	62.10	UC, FG	0.22
20340707	DR5-08	13/32	0.41	10.30	0.77	19.50	2000	13.8	4.50	117.00	8000	55.20	UC, FG	0.3
20340708	DR5-10	1/2	0.50	12.70	0.92	23.40	1750	12.1	5.50	140.00	7000	48.30	UC, FG	0.37
20341025	DR5-12	5/8	0.63	15.90	1.08	27.40	1500	10.3	6.50	165.00	6000	41.40	UC, FG	0.45
20340709	DR5-16	7/8	0.88	22.20	1.24	31.40	800	5.5	7.40	187.00	3200	22.10	UC, FG	0.47
20368015	DR5-20	1-1/8	1.13	28.60	1.50	38.10	625	4.3	9.00	229.00	2500	17.20	UC, FG	0.58
20918279	DR5-24	1-3/8	1.38	35.00	1.75	44.50	500	3.5	10.50	265.00	2000	14.00	UC, FG	0.79
20919400	DR5-32	1-13/16	1.81	46.00	2.22	56.50	350	2.4	13.20	335.00	1400	9.60	UC, FG	1.2