

## SR5

## SAE 100R5 | Fleet Application

**Application**

General-purpose, medium-pressure hose, for use in air brakes, power steering, turbo oil lines, tilt cab cylinders, transmission coolant and filtration lines. Compatible with petroleum-based hydraulic fluids, air, water, gasoline and diesel fuel (GR-04 through -20 only), lubricating oils and coolants.

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

Note: Sizes 7/8", 1 1/8", 1 3/8" and 1 3/16" do not meet SAE J1402 Type AII & DOT FMVSS 106 Type AII because these sizes are not listed in the referenced specifications.

**Inner Tube**

Nitrile

**Reinforcement**

One braid of high-tensile steel wire

**Cover**

Black impregnated textile braid

**Temperature Range**

-40°F to 212°F (-40°C to 100°C)


**Fitting Reference**

All fittings compatible\*\*\* with the SR5 hose family are listed in Section 6 (starting on page 217) of the catalog.

**Branding**

Example: Continental ContiTech SR5-04 5 mm (3/16") SAE 100R5 (DOT FMVSS 106 AII, J1402 Air Brake) 20.7 MPa (3000 psi) W.P. GY Made in U.S.A.

› Meets or exceeds the performance requirements of: SAE 100R5; DOT FMVSS 106 All and SAE J1402 (sizes 3/16", 1/4", 5/16", 13/32", 1/2" and 5/8")

› SAE J1942/U.S. Coast Guard 

| Descriptive #/<br>Product # | SAP #    | Hose Size ID |      | Hose OD |      | Max. Working Pressure |      | Min. Bend Radius |     | Min. Burst Pressure |      | Weight<br>lbs./ft. | USCG<br>Approved |
|-----------------------------|----------|--------------|------|---------|------|-----------------------|------|------------------|-----|---------------------|------|--------------------|------------------|
|                             |          | in.          | mm   | in.     | mm   | Psi                   | MPa  | in.              | mm  | Psi                 | MPa  |                    |                  |
| SR5-04                      | 20324155 | 3/16         | 4.8  | 0.52    | 13.2 | 3000                  | 20.7 | 3.0              | 76  | 12000               | 82.7 | 0.15               | H                |
| SR5-05                      | 20416026 | 1/4          | 6.4  | 0.58    | 14.8 | 3000                  | 20.7 | 3.4              | 86  | 12000               | 82.7 | 0.18               | H                |
| SR5-06                      | 20324042 | 5/16         | 7.9  | 0.68    | 17.1 | 2250                  | 15.5 | 4.0              | 102 | 9000                | 62.1 | 0.22               | H                |
| SR5-08                      | 20324041 | 13/32        | 10.3 | 0.77    | 19.5 | 2000                  | 13.8 | 4.6              | 117 | 8000                | 55.2 | 0.30               | H                |
| SR5-10                      | 20326081 | 1/2          | 12.7 | 0.92    | 23.4 | 1750                  | 12.1 | 5.5              | 140 | 7000                | 48.3 | 0.37               | H                |
| SR5-12                      | 20455110 | 5/8          | 15.9 | 1.08    | 27.4 | 1500                  | 10.3 | 6.5              | 165 | 6000                | 41.4 | 0.45               | H                |
| SR5-16                      | 20340597 | 7/8          | 22.2 | 1.24    | 31.4 | 800                   | 5.5  | 7.4              | 187 | 3200                | 22.1 | 0.47               | H                |
| SR5-20                      | 20239407 | 1 1/8        | 28.6 | 1.50    | 38.1 | 625                   | 4.3  | 9.0              | 229 | 2500                | 17.2 | 0.58               | H                |

\*\*\*Note: Assemblies made with Continental ContiTech's SR5 hose and Continental ContiTech's 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. USCG rating "H" requires GTEX protective sleeving. Federal law requires registration with the Department of Transportation for anyone producing air brake hose assemblies.

