

Hydraulic Hose Size Chart

| Dash Size | Hose ID (inches) | Hose ID (mm) | Recommended Flow (GPM) | Typical Applications |
|-----------|------------------|--------------|------------------------|--------------------------------------|
| -2 | 1/8" | 3.2 mm | 0.5 – 1.0 | Pilot lines, light-duty hydraulics |
| -3 | 3/16" | 4.8 mm | 1.0 – 1.5 | Small equipment, instrumentation |
| -4 | 1/4" | 6.4 mm | 2.0 – 3.0 | Low-pressure return lines |
| -6 | 3/8" | 9.5 mm | 3.5 – 6.0 | Mobile equipment, steering |
| -8 | 1/2" | 12.7 mm | 6.5 – 12.0 | Construction machinery |
| -10 | 5/8" | 15.9 mm | 11 – 17 | Agricultural machines |
| -12 | 3/4" | 19.1 mm | 17 – 27 | Excavators, loaders |
| -16 | 1" | 25.4 mm | 28 – 45 | Industrial systems, high-flow return |
| -20 | 1-1/4" | 31.8 mm | 46 – 70 | Large hydraulic circuits |
| -24 | 1-1/2" | 38.1 mm | 71 – 100 | Heavy-duty industrial hydraulics |
| -32 | 2" | 50.8 mm | 101 – 150+ | High-volume return lines |