GSM Ball-Joint Armored Hydraulic Assemblies

The Right Connection®

A flexible, rugged hydraulic hose solution suitable for tough applications



Better Resistance To Impact, Abrasion, and Kinking

Application

 Ideal for hydraulic service in abrasive environments requiring protection from external abuse, extreme heat, and severe kinking

Sizes

1/4" through 2-1/2" standard, other sizes are available

Feature

 Other options available: high temp hose, non-conductive thermoplastic hose, and high pressure GAM hose (GSM Armored Metal hose)

Materials

- · Tube: oil resistant, synthetic rubber
- · Reinforcement: 2 wire braid
- · Insulation: fiberglass
- GSM Ball-Joint Armour: carbon steel and stainless steel

Specifications

- Specification: 100R2, 100R12, 100R13
- Heat resistant insulation to 1000°F
- Temperature: rate depends on specific application, consult Dixon for details

| Hose ID | Working Pressure | | | Bend Radius | | |
|---------|------------------|--------|--------|-------------|---------|---------|
| | 100R2 | 100R12 | 100R13 | 100R2 | 100R12 | 100R13 |
| 1/4" | 5800 | n/a | n/a | 3" | n/a | n/a |
| 3/8" | 5000 | 4000 | n/a | 4" | 5" | n/a |
| 1/2" | 4250 | 4000 | n/a | 6" | 7" | n/a |
| 5/8" | 2750 | 4000 | n/a | 7" | 8" | n/a |
| 3/4" | 2125 | 4000 | 5000 | 8-1/2" | 9-1/2" | 9-1/2" |
| 1" | 2500 | 4000 | 5000 | 10" | 12" | 12" |
| 1-1/4" | 2250 | 3000 | 5000 | 14-1/2" | 16-1/2" | 16-1/5" |
| 1-1/2" | 1800 | 2500 | 5000 | 18" | 20" | 20" |
| 2" | 1300 | 3000 | 5000 | 22" | 25" | 25" |

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