

AG-Series Agricultural Interchange

- AG-Series couplers and nipples are compliant with the parameters outlined in ISO5675 (ISO7241-1 Series 'A' for the 1/2" size).
- Couplers have a high concentration of locking balls to reduce incidents of brinneling during operation.
- Heavy duty knurled sleeves are designed to resist brinneling and maximize performance under impulse conditions.
- AG-Series couplers and nipples are available with a 'Ball' style valve or a 'Poppet' style valve.



| Performance Specifications | Operating Bar (PSI) | Min. Burst PSI (Bar) | Flow Rate ΔP=2 Bar | Locking Mechanism |
|----------------------------|---------------------|----------------------|-------------------------|-------------------|
| 1/4" | 350 (5,075) | 1300 (18,850) | 12 LPM (3.2 GPM) | 10 Balls |
| 3/8" | 300 (4,350) | 1200 (17,400) | 26 LPM (7 GPM) | 10 Balls |
| 1/2" | 300 (4,350) | 1160 (16,820) | 45 LPM (12 GPM) | 12 Balls |
| 3/4" | 250 (3,625) | 1040 (15,080) | 76 LPM (20 GPM) | 12 Balls |
| 1" | 220 (3,190) | 1000 (14,500) | 151 LPM (40 GPM) | 12 Balls |
| Interchange Standards | US Military | Industry Standards | International Standards | ANSI/NFPA |
| 1/4" | --- | --- | ISO5675 | --- |
| 3/8" | --- | --- | ISO5675 | --- |
| 1/2" | --- | --- | ISO7241-A | --- |
| 3/4" | --- | --- | ISO5675 | --- |
| 1" | --- | --- | ISO5675 | --- |
| 'AG' Series Interchange | Parker | Faster | Tomco | Safeway |
| 1/4" | 4000 Series | NS | Series 'PC' | Series 'S20' |
| 3/8" | 4000 Series | NS | Series 'PC' | Series 'S20' |
| 1/2" | 4000 Series | NS | Series 'PC' | Series 'S20' |
| 3/4" | 4000 Series | NS | Series 'PC' | Series 'S20' |
| 1" | 4000 Series | NS | Series 'PC' | Series 'S20' |

AG-Series

AG-Series Agricultural Interchange (Coupler Dust Plug)



| Part Number | Body Size | Cap Lanyard | Body Material | Weight (lb) | List Price | Bag Qty | Pack Qty |
|-------------|-----------|-------------|---------------|-------------|---------------|---------|----------|
| 2AGDP | 1/4" | Elastomer | Elastomer | 0.02 | \$4.25 | 10 | 50 |
| 3AGDP | 3/8" | Elastomer | Elastomer | 0.04 | 9.20 | 10 | 50 |
| 4KDP | 1/2" | Elastomer | Elastomer | 0.05 | 5.09 | 10 | 50 |
| 6AGDP | 3/4" | Elastomer | Elastomer | 0.07 | 9.15 | 5 | 25 |
| 8AGDP | 1" | Elastomer | Elastomer | 0.10 | 10.50 | 5 | 25 |

AG-Series Agricultural Interchange (Nipple Dust Cap)



| Part Number | Body Size | Cap Lanyard | Body Material | Weight (lb) | List Price | Bag Qty | Pack Qty |
|-------------|-----------|-------------|---------------|-------------|---------------|---------|----------|
| AG2DC | 1/4" | Elastomer | Elastomer | 0.02 | \$4.40 | 10 | 50 |
| AG3DC | 3/8" | Elastomer | Elastomer | 0.04 | 5.10 | 10 | 50 |
| K4DC | 1/2" | Elastomer | Elastomer | 0.05 | 5.09 | 10 | 50 |
| AG6DC | 3/4" | Elastomer | Elastomer | 0.07 | 12.70 | 5 | 25 |
| AG8DC | 1" | Elastomer | Elastomer | 0.10 | 14.55 | 5 | 25 |



Attention Required!

Although it is common industry practice to couple 'Ball' valved nipples with 'Poppet' valved couplers, or vice-versa, it is recommended to couple 'Ball' valved nipples with 'Ball' valved couplers and 'Poppet' valved nipples with 'Poppet' valved couplers. This will maximize flow performance and minimize damage caused by surge flow and other system anomalies.