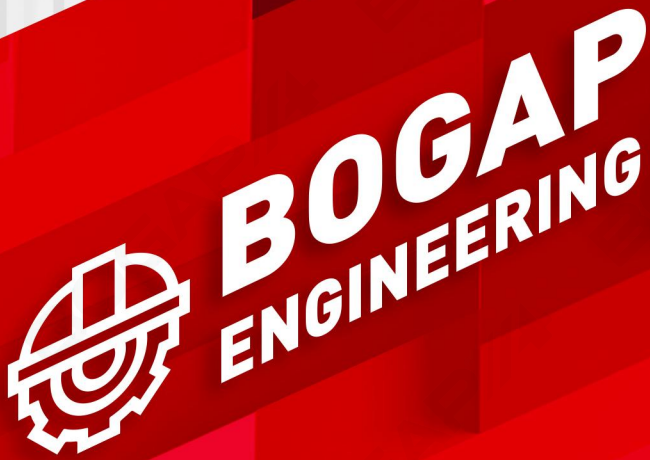




CHARGE AIR HOSE



SERVICE LIFE
Enhance



TECHNOLOGY
3D Blow Molding



INSTALLATION
HENN Connectors

DuPont™ TPEE High-Performance Engineering Plastic



- Exceptional Creep Resistance – Maintains **≤0.1% deformation** under sustained high pressure
- Triple Fatigue Resistance – **300% improvement** in impact/flexural/pulse fatigue performance
- Full-Temperature Stability – **<5% performance** variation from -40°C to 150°C
- Extended Lifespan – Matches or exceeds OEM service life requirements

TECHNOLOGY

Advanced 3D Blow Molding Technology

Precision Manufacturing Process

- Domestic 3D Blow Molding System
- 4-Axis Radial Control Unit Asymmetric wall thickness adjustment Real-time thickness monitoring ($\pm 0.15\text{mm}$ tolerance)
- Seamless One-Piece Forming Eliminates welding weak points

Performance Advantages

- Optimized Airflow - 12% reduction in turbulent loss
- Structural Integrity - 30% higher burst pressure resistance
- Weight Savings - Uniform wall thickness reduces material waste



INSTALLATION

Precision Connection System

Key Features:

- Genuine HENN Couplings + OEM-grade crimping equipment
- Quad-Lock Mechanism - Vibration-resistant secure connection
- Ergonomic Installation - 40% less assembly/disassembly force required
- Full Traceability - Laser-etched DataMatrix code (ISO/IEC 16022 compliant)

Performance Advantages

- Zero-Leak Guarantee - 100% pneumatic tested @ 2.5x working pressure
- Service-Friendly - Tool-less maintenance design
- Anti-Corrosion - Salt spray tested 500h (ASTM B117)

