IRONFLEX™ COMP-FRAC

Flexible 4-inch composite hose for high-volume water, chemical and frac-fluid transfer between storage, mixing equipment, manifolds and the wellhead.

Construction

Component	Brochure description
Inner wire	Galvanized steel for vacuum support and electrical continuity
Barrier system	Polypropylene fabric, film and polyester layers
Outer wire	Galvanized steel
Cover	Abrasion-resistant PVC for dragging, UV and ozone exposure
End fittings	Externally crimped and swaged galvanized-steel connections; listed assemblies use Figure 206 hammer unions

Features and operating notes

- 4-inch nominal inside diameter
- 400 psi maximum working pressure
- Lightweight, flexible routing on the frac site
- Electrical continuity through bonded metallic wires
- EN 13765:2018 Type 3 as stated in the brochure

Specifications

Property	Brochure value
Nominal ID	4 in (100 mm)
Mean OD	121 mm
Maximum working pressure	400 psi
Vacuum rating	0.9 bar

Property	Brochure value
Minimum bend radius	400 mm (16 in)
Weight	5.60 kg/m
Maximum length	30 m (100 ft)
Temperature	−30°C to +100°C (−22°F to +212°F)

Applications

Fluid transportation: Water, chemicals and fracturing fluids between storage, mixing equipment, manifolds and wellhead.

Chemical injection: Corrosion inhibitors, scale inhibitors, biocides and gelling agents.

Water supply: High-volume source or storage transfer to the wellsite.

Flowback: Recovery and transfer of frac fluids and produced water.

Listed assembly options

Part number	Size × length	Ends	Max WP
COMP-FRAC-400-010-HU206-GS	4 in × 10 ft	Figure 206 hammer union	400 psi
COMP-FRAC-400-012-HU206-GS	4 in × 12 ft	Figure 206 hammer union	400 psi
COMP-FRAC-400-015-HU206-GS	4 in × 15 ft	Figure 206 hammer union	400 psi
COMP-FRAC-400-20-HU206-GS	4 in × 20 ft	Figure 206 hammer union	400 psi

Safety and documentation

The brochure states that every supplied assembly is tested at 1.5 times the rated working pressure and supplied with a manufacturer test certificate. Verify the complete hose, union and test configuration for each order.

Source and selection note

Part numbers above reproduce the supplied brochure, including the 20-foot code written as “-20-” rather than “-020-”; confirm that SKU before ordering.

Confirm media, pressure, temperature, vacuum, length, fittings, electrical requirements and current manufacturer documentation before ordering.