



HYDRAULIC HOSE & FITTINGS

LINECARD

TEXCELHYDRAULICS.COM





MAKING A DIFFERENCE FOR YOUR BUSINESS

Our cutting-edge line of hydraulic hose and fittings is not just a product division. It's a promise of superior service, quality, technical support and availability. We've built our company on impeccable customer service. Let us know how we can make a difference for your business.



FEATURES

At Texcel we know that your business is only as good as the products you sell, so we take pride in offering high-quality, top-tier hose products that will keep your employees safe and reduce equipment downtime due to product failure. Texcel engineering and manufacturing work to develop hydraulic solutions for the most challenging applications. Our TERA-GLIDE and TERA-GLIDE XT high abrasion hydraulic hose covers are just one of many examples of superior technology. When selecting a hydraulic hose look to Texcel to provide the best innovative product.

WHY SELECT TEXCEL ISOBARIC HOSES?

- Meets or Exceeds ISO 18752
- Each hose has a constant working pressure
- Streamlines the hose selection process
- Offers complete braided hose families in 3,000psi, 4,000psi, 5,000psi & 6,000psi and spiral hose families in 3,000psi, 4,000psi, 5,000psi & 6,000psi
- Spiral hose rated for one million cycles
- Achieves half of the SAE minimum Bend Radius offering extreme flexibility
- Available in two high abrasion cover types

Today's increasing demand for higher performance from hydraulic systems has led the hydraulic hose industry to offer constant pressure hose solutions. Texcel considered the current factors affecting hose selection-severe environmental conditions, aggressive fluids, high pressure and extreme temperature-when developing the TERA-GLIDE Isobaric hose line.

CHECK OUT THE TEXCEL HYDRAULIC HOSE SOLUTIONS FOR EVERY INDUSTRY!

- SAE Braided
- Hi-Temperature
- Jack Hose
- Suction & Discharge
- SAE R5
- Thermoplastic SAE-R7 & R8
- Push-On

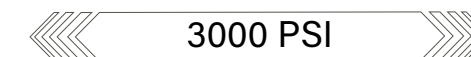
LAYLINES

Functional design for ease of mind! The Texcel hydraulic hose layline is designed to provide information effectively and efficiently. The color of the layline signifies the hose pressure rating while the verbiage will convey the product specifications and cover type. Ordering is made easy with informative Texcel layline designs.

CONSTANT PRESSURE LAYLINE COLORS

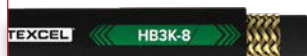


NON-CONSTANT PRESSURE LAYLINE COLOR





HYDRAULIC HOSE PRODUCTS



HB3K
3,000 PSI Braided Isobaric



HB3KXT
3,000 PSI XT Braided Isobaric



HB4K
4,000 PSI Braided Isobaric



HB4KXT
4,000 PSI XT Braided Isobaric



HB5K
5,000 PSI Braided Isobaric



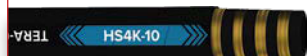
HB5KXT
5,000 PSI XT Braided Isobaric



HB6K
6,000 PSI Braided Isobaric



HS3K
3,000 PSI Spiral Isobaric



HS4K
4,000 PSI Spiral Isobaric



HS5K
5,000 PSI Spiral Isobaric



HS5KXT
5,000 PSI XT Spiral Isobaric



HS6K
6,000 PSI Spiral Isobaric



HS10K - 32
10,000 PSI Spiral Isobaric



GAMMA™ - SLIM HOLE ROTARY HOSE
4,000 PSI for drilling applications



HBR1
R1AT Braided



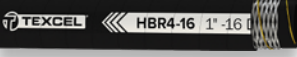
HBR2
R2AT Braided



HHT2
Hi-Temp R2AT Braided



HBJK
Jack Hose (static only)



HBR4
R4 Suction & Return



HBR5
R5 Braided (100R5 dimension)



HBHTR5
Hi-Temp R5 Braided (100R5 dimension)



TEX-PUSH-ON 300
300 PSI Push-On Hose



BR14
R14 Stainless Steel Braided PTFE Hose



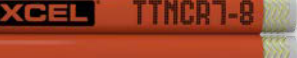
TR7
R7 Thermoplastic



TTR7
R7 Twin Line Thermoplastic



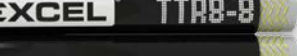
TNCR7
R7 Non Conductive Thermoplastic



TTNCR7
R7 Non Conductive Twin Line Thermoplastic



TR8
R8 Thermoplastic



TTR8
R8 Twin Line Thermoplastic



TNCR8
R8 Non Conductive Thermoplastic



FITTING FAMILIES

		F2	F4	F5	F6	FA5	FT	FS
	Braze On Female	✓	✓					
	BSP Banjo + Bolts	✓						
	BSP Female Flat Face Swivel	✓						
	BSP Female Swivel	✓	✓		✓		✓	
	BSP Female Swivel 45° Bent Tube	✓	✓					
	BSP Female Swivel 90° Bent Tube	✓	✓					
	BSPP Female Swivel 90° Bent Tube - Block Style	✓	✓					
	BSP Parallel Male	✓	✓		✓			
	BSP Taper Male	✓	✓					
	Code 61 Flange	✓	✓		✓			✓
	Code 61 Flange 22.5° Bend		✓					
	Code 61 Flange 30° Bend		✓					
	Code 61 Flange 45° Bend	✓	✓		✓			✓
	Code 61 Flange 60° Bend		✓					
	Code 61 Flange 67.5° Bend		✓					
	Code 61 Flange 90° Bend	✓	✓		✓			✓
	Code 61 Flange 90° Long Bend		✓					
	Code 61 Komatsu Flange	✓						
	Code 61 Komatsu Flange 90° Bend		✓					
	Code 62 CAT Flange		✓		✓			
	Code 62 CAT Flange 45° Bend		✓		✓			
	Code 62 CAT Flange 90° Bend		✓		✓			
	Code 62 Flange		✓		✓			
	Code 62 Flange 30° Bend				✓			
	Code 62 Flange 45° Bend		✓		✓			
	Code 62 Flange 60° Bend		✓		✓			
	Code 62 Flange 90° Bend		✓		✓			
	Code 62 Flange 90° Bend Long Drop		✓					
	Flareless Male		✓					
	Female Solid Grease Line Fitting	✓						
	Inverted Swivel Male	✓						
	Inverted Swivel Male 45° Bent Tube	✓						
	Inverted Swivel Male 90° Bent Tube	✓						
	Japanese Industrial Female Swivel	✓	✓				✓	
	Japanese Kobelco Male		✓					
	Japanese Komatsu Female Swivel	✓	✓		✓			
	Japanese Komatsu Female Swivel 45° Bent Tube	✓						
	Japanese Komatsu Female Swivel 90° Bent Tube	✓						

		F2	F4	F5	F6	FA5	FT	FS
	JIC Female Swivel	✓	✓	✓	✓	✓	✓	✓
	JIC Female Swivel 45° Bent Tube	✓	✓		✓	✓		
	JIC Female Swivel 90° Bent Tube	✓	✓	✓	✓	✓	✓	
	JIC Female Swivel 90° Bent Tube Long Drop	✓	✓					
	JIC Female Swivel 90° Bent Tube Stainless Steel	✓						
	JIC Female Swivel Stainless Steel	✓	✓					✓
	JIC Male	✓	✓					✓
	Joiner	✓						
	Metric DIN Heavy Female O-Ring Swivel	✓	✓		✓			
	Metric DIN Heavy Female O-Ring Swivel 45° Bent Tube	✓	✓		✓			
	Metric DIN Heavy Female O-Ring Swivel 90° Bent Tube	✓	✓					
	Metric DIN Heavy Male	✓	✓		✓			
	Metric DIN Light Female O-Ring Swivel	✓	✓					
	Metric DIN Light Female O-Ring Swivel 45° Bent Tube	✓	✓					
	Metric DIN Light Female O-Ring Swivel 90° Bent Tube	✓	✓					
	Male Hammer Union				✓			
	Female Hammer Union				✓			
	Metric DIN Light Male	✓	✓					
	NPSM Female Pipe Swivel	✓						✓
	NPTF Female Pipe	✓						
	NPTF Male Pipe	✓	✓	✓	✓	✓	✓	✓
	NPTF Male Pipe API And Extended Thread	✓	✓		✓			
	NPTF Male Pipe Stainless Steel	✓	✓					
	NPTF Male Pipe Swivel	✓						✓
	NPTF Male Pipe Swivel 90° Bend	✓						
	ORFS Female Swivel	✓	✓		✓		✓	
	ORFS Female Swivel 45° Bent Tube	✓	✓		✓			
	ORFS Female Swivel 90° Bent Tube	✓	✓		✓			
	ORFS Female Swivel 90° Bent Tube Long Drop	✓	✓					
	ORFS Male	✓	✓					✓
	O-Ring Boss Male	✓	✓					✓
	O-Ring Boss Male Swivel	✓						
	O-Ring Boss Male Swivel 90° Bend	✓						
	Pressure Washer Female Swivel	✓						
	SAE Female Swivel	✓		✓		✓	✓	
	SAE Female Swivel 90° Bent Tube	✓						✓
	SAE Male	✓						



TC100-SH / TC100-SP
1" Service Hose Crimpers



TC165
1-1/4" Service Hose Crimper



TC200
General Production Hose Crimper



TC250
General Production Hose Crimper



THC70
1 1/4" CUT OFF SAW 110V SINGLE PHASE



THC100
2" CUT OFF SAW 220V SINGLE PHASE



- 1. WARNING!** Use only hose and fittings from manufacturers who have tested and qualified the compatibility of their products. Texcel manufactured products are rigorously tested to adhere to industry safety and performance guidelines. **DO NOT** mix or match hose and fittings that are not tested, qualified and approved by Texcel. Use only new products and follow Texcel crimp specifications to properly fabricate hose assemblies.
- 2.** Select and carefully install hose assemblies according to the Texcel crimp specification.
- 3. DO NOT** use any damaged or worn out hose, fittings or hose assemblies.
- 4. The pressure rating of a hydraulic hose assembly is not to exceed the working pressure of the lowest rated component in the hose assembly. Maximum working pressure includes the highest pressure the system will experience, such as spikes, surges and water hammer effects.** (For example: If a system consists of a hose rated at 3000 PSI and the termination rated at 2000 PSI, the hose assembly should never be used in excess of 2000 PSI.)
- 5.** The application temperature and pressure must be lower than the temperature and pressure rating of all hydraulic hose and fittings.
- 6.** The hose must not be stretched, kinked, crushed, or twisted during the installation or use. Hose must not be bent to less than the minimum bend radius.
- 7.** The bend radius of the application must be larger than the recommended bend radius.
- 8.** Receive hands-on training before using any Texcel recommended equipment.
- 9.** Wear safety glasses.
- 10.** Follow all the guidelines of Texcel's operating manual and crimp specifications.
- 11. DO NOT** run your hand over or touch any pressurized hose assemblies with any part of the body. Always turn off all equipment before inspecting any hose assembly.
- 12.** Only properly trained personnel should inspect, test or service hose assemblies and components. Update training periodically.
- 13.** The routing of the hose assembly must not create an injury hazard or damage of any component of the hose assembly. Refer to the standards and regulations that apply in the countries where the equipment is sold and used.
- 14.** Apply the best practice of hose assembly fabrication.
- 15.** Document and track all of the maintenance, inspection and testing.

WARNING



Improper selection of hoses, fittings, coupling terminations, assemblies and accessories can cause equipment malfunctions and failures, environmental issues, personal injury or even death. Follow Texcel crimp specifications and guidelines for the proper selection of all hydraulic products (hoses, fittings, and accessories). Texcel strongly recommends using SAE J1273 specification – Surface Vehicle Recommended Practice and NAHAD Fabrication Guide for Hydraulic Hose Assemblies as a safety guideline for selecting components, fabrication and installation. Texcel disclaims all liability for any hose assembly made in violation of Texcel's recommendations, procedures and current crimp data. Contact Texcel for updated product and crimp specifications and procedures as necessary.

Ask Us About Our Other Great Products



HYDRAULIC HOSE
FITTINGS
CRIMPERS



INDUSTRIAL HOSE
COUPLINGS
ASSEMBLIES



COMPRESSED SHEET
SHEET RUBBER
SKIRTBOARD



Ahead Of The Curve.

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