TLX Couplings & Nipples

- The Super-Duty connector with extremely high resilience to surge flows
- The Super-Duty connector that handles the pressure impulses
- The Super-Duty connector with pure and simple robustness
- Designated for the toughest construction and demolition applications

-The coupling that will stand when the others fall

3/8" (307), 1/2" (507), 3/4" (607), 1" (707), 1 1/4" (807), 1 1/2" (907)

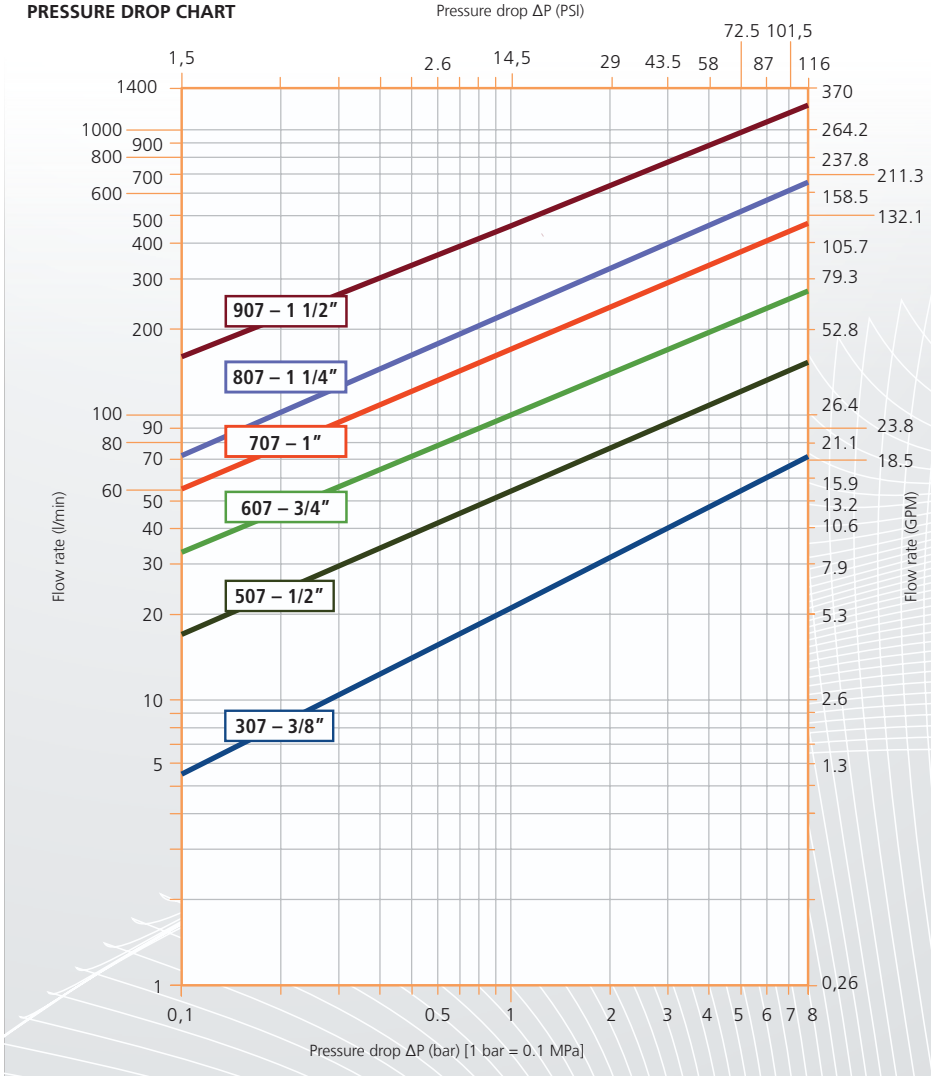
TLX is a Flat-Face twist lock coupling for the toughest applications in the construction and demolition segment. This super-duty quick connect coupling is designed to work with the highest surge flows and the toughest pressure impulses. TLX is made from high alloy steels with Zinc-Nickel surface treatment for a long life in the harshest conditions. The Series is available in sizes from 3/8" to 1 ½" to cover most applications.

Temperature range: ..... -30°C – +100°C (-22°F – +212°F)
Material seal:..... Nitrile (NBR), HNBR for high temperature use on request
Material: ..... High alloy steels with Zinc-Nickel surface
Connectability: ..... Connection with residual pressure only limited by operator strength
Disconnection under pressure: ..... Disconnection with residual pressure in the system is allowed

Body Size		Flow rate ΔP = 3 Bar		Max. working pressure Connected		Max. working pressure Disconnected		Min. burst pressure Connected		Min. burst pressure Disconnected	
Inch	Dash	(l/min)**	(GPM)**	(bar)	(PSI)	(bar)	(PSI)	(bar)	(PSI)	(bar)	(PSI)
3/8"	-06	40	10.6	420	6091	420	6091	1680	24366	1000	14503
½"	-08	93	24.6	420	6091	420	6091	1680	24366	1050	15229
3/4"	-12	169	44.6	420	6091	400	5801	1680	24366	1000	14503
1"	-16	291	76.9	420	6091	400	5801	1680	24366	1000	14503
1 1/4"	-20	400	105.7	420	6091	400	5801	1680	24366	1000	14503
1 ½"	-24	740	195.5	380	5511	380	5511	1520	22045	1000	14503

(**) If the application is constantly above this flow rate for the respective coupling size, a larger coupling size should be considered to avoid too high a pressure drop. The couplings can handle a much higher flow rate but there is a risk of heat build-up in the system. In general, surge flows far above the normal flow rate are not a problem.

PRESSURE DROP CHART



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