

Pressure Recommendations

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Mark hose assembly with pressure from this chart or hose working pressure, whichever is lower. All pressure recommendations are in pounds per square inch (PSI).

1. This chart is intended as a guide only. It only applies to metal couplings as shown for ambient temperature (70°F) applications with true I.D. hose. It assumes new Dixon supplied couplings, new Dixon supplied clamps, new quality hose and proper installation by a qualified assembler using Dixon procedures and equipment.
Temperature can affect the coupling retention. For questions relating to temperatures other than ambient (70°F) contact the hose manufacturer or Dixon.
2. This chart does not apply to non-Dixon products, with used hose, in non-approved or unsupported applications or in non-standard assemblies.
3. Do not use this chart if it conflicts with the hose manufacturer's recommendations.

Hose (rubber covered)	Couplings	DPL Sect.	Clamps & Ferrules	* Assembly * Procedure	1/4"	3/8"	1/2"	5/8"	3/4"
Air <i>textile reinforced</i> <i>rubber lined</i>	Air King Universal	D	Preformed Band Clamp	2102			150	150	150
	Machined - Short Shank	E	Crimp	2304	200	150	150	100	100
	Machined - Short Shank	E	Preformed Band Clamp	2100-2101			150	100	100
	Reusable - Brass	F	N/A	2305	250	250	250		
	King Machined - Medium Shank	E	Preformed Band Clamp	2100-2101			250	200	200
	King Machined - Long Shank	E	Preformed Band Clamp	2100-2101			300	300	300
Air <i>textile or wire reinforced</i> <i>rubber lined</i>	Air King Universal	D	Air King or Boss Interlocking Clamp	2000		150	150		150
	Air King Universal	D	Swage/Crimp	See DPL			150		150
	Boss Couplings	C	Boss Interlocking Clamp	2000-2004	600	600	600		600
	Holedall Swage/Crimp	J	Swage/Crimp	see Ram Manual	600	600	600		600
Asphalt & Hot Tar	Boss Couplings	C	Boss Interlocking Clamp	2001-2002					
Chemical <i>plastic lined</i> <i>for liquid service</i>	King Machined - Medium Shank	E	Preformed Band Clamp	2100-2101			125		125
	King Machined - Medium Shank	E	Band & Buckle	2104					
	King Machined - Long Shank	E	Preformed Band Clamp	2100-2101			150		150
	King Machined - Long Shank	E	Band & Buckle	2104					
	Boss-Lock Cam & Groove	A	Preformed Band Clamp	2100-2101			150		150
	Boss-Lock Cam & Groove	A	Band & Buckle	2104					
	Boss-Lock Cam & Groove	A	Swage/Crimp	see Ram Manual					250
	Holedall Swage/Crimp	J	Swage/Crimp	see Ram Manual			600		600
Chemical <i>rubber lined</i> <i>for liquid service</i>	King Machined - Medium Shank	E	Preformed Band Clamp	2100-2101			125		125
	King Machined - Medium Shank	E	Band & Buckle	2104					
	King Machined - Long Shank	E	Preformed Band Clamp	2100-2101			150		150
	King Machined - Long Shank	E	Band & Buckle	2104					
	Boss-Lock Cam & Groove	A	Preformed Band Clamp	2100-2101			150		250
	Boss-Lock Cam & Groove	A	Band & Buckle	2104					
	Boss-Lock Cam & Groove	A	Swage/Crimp	see Ram Manual					250
	Boss Couplings	C	Boss Interlocking Clamp	2000-2004			600		600
	Holedall Internal Expansion	J	Internal Expansion	see Ram Manual					
	Holedall Swage/Crimp	J	Swage/Crimp	see Ram Manual			600		600
Food Grade conforming to 3A	Flow Chief Sanitary	J	Internal Expansion	see Ram Manual					
Food Grade <i>rubber lined</i>	King Machined - Medium Shank	E	Preformed Band Clamp	2100-2101			125		125
	King Machined - Medium Shank	E	Band & Buckle	2104					
	Boss-Lock Cam & Groove	A	Preformed Band Clamp	2100-2101			150		250
	Boss-Lock Cam & Groove	A	Band & Buckle	2104					
	Boss-Lock Cam & Groove	A	Swage/Crimp	see Ram Manual					250
	Holedall Internal Expansion	J	Internal Expansion	see Ram Manual					
	Holedall Swage/Crimp	J	Swage/Crimp	see Ram Manual			600		600
Layflat	Flat Seal	A/K	Flat Seal Clamps	2202					