



INJECTION VALVE :



manufactures precision injection valves capable of withstanding extreme pressure ratings. Each valve is engineered for both performance and safety.

On-Line Leak Repair Injectors feature low pass-by to ensure safe installation and operation. Fully engineered in compliance to ASME code, all NGS injectors are manufactured under a registered pressure fitting quality program and are 100% inspected. Injectors are shipped with a Certificate of Conformance and are traceable back to material and manufacturing records.

Canadian Registration Number (CRN), Nationally Approved

PRESSURE & TEMPERATURE RATINGS

Manufactured in both carbon and stainless steel, NGS On-Line Leak Repair Injectors are designed to withstand some of the harshest environmental pressures and temperatures. Use the charts below to determine the pressure and temperature requirements for each injector.

www.ngschemicals.com

Manufactured by N.G.S company

Tel :041-34252985

CARBON STEEL						
GRADE	DESIGN TEMPERATURE (°F)	DESIGN TEMPERATURE (°C)	DESIGN PRESSURE (PSI)	DESIGN PRESSURE (kPa)	MDMT (°F)	MDMT (°C)
B7	UP TO 700	UP TO 371	8,375	57,743	-55	-48
B7	750	398	7,900	54,468	-55	-48
B7	800	426	7,000	48,263	-55	-48
B7	850	454	5,400	37,231	-55	-48
B7	900	482	4,175	28,785	-55	-48
B7	950	510	2,850	19,650	-55	-48
B7	1,000	537	1,500	10,342	-55	-48

STAINLESS STEEL						
GRADE	DESIGN TEMPERATURE (°F)	DESIGN TEMPERATURE (°C)	DESIGN PRESSURE (PSI)	DESIGN PRESSURE (kPa)	MDMT (°F)	MDMT (°C)
304 316	UP TO 100	UP TO 37	6,700	46,194	-320	-196
304 316	200	93	6,700	46,194	-320	-196
304 316	300	148	6,325	43,609	-320	-196
304 316	400	204	6,125	42,230	-320	-196
304 316	500	260	5,850	40,334	-320	-196
304 316	600	315	5,550	38,265	-320	-196
304 316	650	343	5,425	37,404	-320	-196
304 316	700	371	5,275	36,369	-320	-196
304 316	750	398	5,175	35,680	-320	-196
304 316	800	426	5,075	34,990	-320	-196
304 316	850	454	4,990	34,404	-320	-196
304 316	900	482	4,890	33,715	-320	-196
304 316	950	510	4,795	33,060	-320	-196
304H 316H	1,000	537	4,690	32,336	-320	-196
304H 316H	1,050	565	4,150	28,613	-320	-196
304H 316H	1,100	593	3,275	22,580	-320	-196
304H 316H	1,150	621	2,575	17,754	-320	-196
304H 316H	1,200	648	2,025	13,961	-320	-196
304H 316H	1,250	676	1,575	10,859	-320	-196
304H 316H	1,300	704	1,225	8,446	-320	-196
304H 316H	1,350	732	970	6,687	-320	-196
304H 316H	1,400	760	770	5,308	-320	-196
304H 316H	1,450	787	570	3,930	-320	-196
304H 316H	1,500	815	435	2,999	-320	-196