

Table of usage (Australian edition)

Water supply systems

Medium	Remark	P [kPa]	T [°C]	Propress	Propress G
Hot and cold potable water	Australian Watermark approved, N.B. Watermark certification for all plumbing products is restricted 1400kPa at 95°C which is below this system's capability	1600	110	x	
Solar systems (flat-panel collectors)	System capable of handling 200°C as a peak temperature	1600	110	x	
Fire Services	Capable of handling the required test pressure of 1700kPa or 1.5 times the design pressure as specified by AS2419.1	1600	110	x	
Conditioned water (Partially and fully desalinated water, softened, deionised demineralised distilled)	Not compatible with Propress or Propress G	1600	110		
Cooling water, closed systems	Always contact us for open systems (inhibitors)	1600	≥ -25	x	
Spring or Well water	Consultation required	1600	110	1)	
Pump circulated hot water systems	Compliant with EN 12828	1600	110	x	

1) Possible with drinking quality water

Anti-freeze/Corrosion protection/Inhibitors

Medium	Product	Manufacturer	Remark	P [kPa]	T [°C]	Propress	Propress G
Anti-freeze cooling concentration 50%	Antifrogen N	Clariant		1600	-25 to 110	x	
	Antifrogen L	Clariant				x	
	Antifrogen Sol (solar systems)	Clariant				x	
	Ethylene glycol (Ethan-1,2-diol)	various				x	
	Propylene glycol (1,2-Propandiol)	various				x	
	Tyfoxit	Tyforop-Chemie				x	
	Tyfcop	Tyforop-Chemie				x	

Oils, cooling materials and lubricants

Medium	Product	Manufacturer	Remark	P [kPa]	T [°C]	Propress	Propress G
Engine oils	Mahler HA	Q8		1000	70		x
	Pegasus 710	Mobil					x
	Pegasus SHC	Mobil					x
	GTX	Castrol					x
	Blasocut BC25	Swisslube AG					x
Lubricants	Garia Oil	Shell					x
	GL 4	German Oil					x
	Formula SLX	Castrol					x
Heating oil, Diesel in acc. with EN590				500	40		x

Gas

Medium	Remark	P [kPa]	T [°C]	Propress	Propress G
Pressurised air	Oil concentration ≤ 25mg/m ³	DN15-50	1600	x	x
		DN65-100	1000	x	x
	Oil concentration ≥ 25mg/m ³	DN15-50	1600	x	x
		DN65-100	1000	x	x
Natural gas	Australian Gas approved, N.B. The scope of AS5601 for all gas system is restricted 200kPa which is below this system's capability	1000			x
Liquid gas Propane Butane Methane					
Acetylene	Not compatible with Propress or Propress G				
Argon	For welding	DN15-50	1600	x	x
		DN65-100	1000	x	x
Carbogen	CO ₂ +O ₂ dry	DN15-50	1600	x	x
		DN65-100	1000	x	x
Oxygen - O ₂	Oil and fat free	DN15-50	1000	x	
Nitrogen - N ₂	After the evaporator	DN15-50	1600	x	x
		DN65-100	1000	x	x
Hydrogen - H ₂	Will leak at < 0.001cm ³ /minute	500		x	x
Carbon dioxide - CO ₂	Dry	DN15-50	1600	x	x
		DN65-100	1000	x	x
Carbon monoxide - CO		DN15-50	1600	x	x
		DN65-100	1000	x	x
Low vacuum	P _{abs} =200mbar			x	x
Forming gas, dry / Welding inert gas	Ar+CO ₂ (example Corgon)	DN15-50	1600	x	x
		DN65-100	1000	x	x
Helium - He ₂		DN15-50	1600	x	x
		DN65-100	1000	x	x
Krypton		DN15-50	1600	x	x
		DN65-100	1000	x	x
Neon		DN15-50	1600	x	x
		DN65-100	1000	x	x
Xenon		DN15-50	1600	x	x
		DN65-100	1000	x	x
Synthetic air		DN15-50	1600	x	x
		DN65-100	1000	x	x

Special media

Medium	Remark	P [kPa]	T [°C]	Propress	Propress G
Urea solution	Not compatible with Propress or Propress G				
Ethanol		1600	25	x	
Methanol	Not compatible with Propress or Propress G				
Condensate	From gas condenser boiler				
Condensate	From steam	1600	110	x	
Glycerintriacetat	Not compatible with Propress or Propress G				
Coolant inhibitor	Not compatible with Propress or Propress G				
Sodium Hydroxide	Not compatible with Propress or Propress G				
Acetone	Liquid	500	-10 to 40	x	
Ammoniac - gaseous	Not compatible with Propress or Propress G				

P [kPa] Maximum safe working pressure (continuous operating pressure), greater short duration peaks possible

T [°C] Maximum continuous operating temperature, greater short duration peaks possible