

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	Not compatible with Propress or Propress G	1600	110		
Chilled water	Always contact us for open systems (inhibitors)	1600	≥ -25	x	
Steam	low pressure steam equipment	≤100	120	x	
Spring water	Only after consultation!	1600	110	1)	
Pump circulated HW systems	Compliant with EN 12828	1000	105	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			1600	-25 to 110	x	
	Antifrogen L					x	
	Ethylene glycol					x	
	Propylene glycol					x	
	Tyfor	Tyforop-Chemie				x	
	Tyfor L	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
	Garia Oil		Shell				x
Lubricants	GL 4		German Oil				x
	Formula SLX		Castrol				x
Heating oil, Diesel in acc. with EN590				500	40		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	Not compatible with Propress or Propress G	1600	110		
Condensate	Steam equipment	1600	110	x	
Leakage indicator liquid for oil tanks	Brenntag R 36522	100	-20 to 30	x	
Glycerintriacetat	Not compatible with Propress or Propress G	100	20		
Coolant inhibitor	Not compatible with Propress or Propress G	1000	50		
Sodium Hydroxide	Not compatible with Propress or Propress G	1000	20		
Acetone	Liquid	500	-10 to 40	x	
Ammoniac - gaseous	Not compatible with Propress or Propress G				

Gas

Medium	Remark	P [kPa]	T [°C]	Propress	Propress G
Pressurised air	Oil concentration ≤ 25mg/m3	1600	70	x	x
	Oil concentration ≥ 25mg/m3	1600	70		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	1600	70		
Liquid gas Propane Butane Methane					x
Acetylene	Not compatible with Propress or Propress G				
Argon	For welding	1600	Ambient temperature	x	x
Carbogen	Not compatible with Propress or Propress G				
Corgon		1600	70	x	x
Oxygen - O2	Oil and fat free	1600	70	x	
Nitrogen - N		1600	70	x	x
Hydrogen - H2	Will leak at < 0.001cm³/minute	500	70	x	x
Carbon dioxide - CO2	Dry	1600	70		x
			110	x	
Carbon monoxide CO	Stainless steel components not permitted	1600	70	x	x
Rough vacuum	Pabs=200mbar			x	x
Forming gas	80% Argon / 20% CO2	1600	70	x	x

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