ProLine COM

Technical Specifications	
Working Pressure	0-16 bar(g) dynamic
Pressure Pulsation Endurance	1000k pulsations, 0-16 bar(g), 2,5 Hz, 60°C oil temp
Max Pressure	25 bar(g)
Burst Pressure	50 bar(g)
Pressure Test	10 bar(g)
Leak Test	4 bar(g)
Working Temperature	-40°C to 150°C
Corrosion Endurance	20 days according to SWAAT G85-94 A3
Inner Cleanliness	ISO 4406 16/14
General Dimensional Tolerances	ISO 2768-v
Material	Aluminium alloys
Max Connection Tightening Torque	40 Nm

Working Pressure The range in which the cooler is designed to operate (above atmospheric pressure). The word "dynamic" implies that the pressure can fluctuate between the limits.

Pressure Pulsation Endurance How many times the cooler can withstand pressurizaton between a lower and an upper limit. The Herz number indicates the frequency of pulsations per second.

Max Pressure The maximum operating pressure.

Burst Pressure The maximum pressure the cooler can withstand before bursting.

Pressure Test The pressure the cooler is exposed to after brazing to ensure brazing joint integrity.

Leak test The pressure level the cooler is tested at for leaks after the pressure test.

Working Temperature The temperature range the cooler is designed to operate within. Operating temperatures outside of the defined range will negatively affect the strength and durability of the cooler.

Corrosion Endurance How long the cooler can withstand a salt spray test before starting to leak. The test simulates the expected lifetime exposure of a typical vehicle to a mixture of water and road salts.

Inner Cleanliness The maximum amount of particles the cooler is expected to contain.

General Dimensional Tolerances The standard to which the cooler conforms regarding dimensions specified on the technical drawing.

Material The material the cooler is made of.

Max Connection Tightening Torque The maximum torque allowed when tightening the connection on the cooler.