













Product Area	Product Type	Product Feature and Benefits	Brand:	     					
			Vehicle Type:	Passenger vehicles, MPV & SUV		MPV, SUV, LDV, MCV & Older Passenger Cars		MCV, HCV	Vehicle & Industrial
			Range:	Premium Range	Standard Range	On & Off Road Range	On & Off Road Heavy Duty Range	Heavy Duty Truck and Bus Range	Vehicle & Industrial Gas Stay Range
Design Type	Shock Absorber	Designed for all types of vehicles	✓	✓	✓	✓	✓		
	Spring Seat	Designed for mainly passenger and SUV's	✓	✓	✓	✓			
	Gaslift	Designed for automotive and industrial applications						✓	
	Twin Tube	Designed for all types of vehicles	✓	✓	✓	✓	✓		
	Mono Tube	Designed for mainly SUV's and MPV's	✓		✓	✓			
	MacPherson Struts	Designed for mainly passenger vehicles	✓	✓					
Suspensions	Standard	The vast majority of vehicles in South Africa	✓	✓	✓	✓	✓		
	Air Suspensions	A limited amount of vehicles in South Africa					✓		
	Raised	Specialist vehicle applications, mainly custom 4x4's				✓			
Bore Size	Working Cylinder Bore Size (mm)	The larger the bore size the better the energy dissipation	27/30/32/36	27/32	32	35/41/46	41/52	19/22	
Oil	Custom Formulated Oil	Specially formulated oil to meet Gabriel's specifications	1200 C	1200 C	1200 C	1800 C	1200 C	80°C	
Gas and Pressures	Hydraulic	Standard feature on most shocks		✓			✓		
	Low Pressure gas	Gives a faster response time and less chance of the oil foaming		✓	✓			Variable pressure	
	Nitrogen infused	Gives a much faster response time and less chance of the oil foaming	✓	✓	✓	✓			
	High Pressure	Gives exceptional ride control and a quicker response time	✓			✓			
Bushing	Natural Rubber	Designed to match original equipment durability properties	✓	✓	✓	✓	✓		
	Polyurethane	Designed to exceed original equipment durability properties			✓	✓			
Seals	Viton or rubber rod seals	Designed to withstand high operating temperatures	✓	✓	✓	✓			
	Single lip rod seals	Designed as a standard feature with good wear properties	✓		✓		✓	✓	
	Multi lip rod seals	Specifically designed for better sealing and longer life expectancy	✓	✓	✓		✓		
	Rubber o-ring piston seals	Designed as a standard feature with good wear properties	✓						
	PTFE band o-ring piston seals	Specifically designed for reducing friction and providing longer product usage	✓	✓	✓				
	Cast iron o-ring piston seals	Specifically designed for reducing friction and providing longer product usage				✓	✓		
Rods and Product Finishing	Chrome plated & trication of zinc phosphate shaft (piston rod)	Highest quality finish on rods to reduce wear and protect against rust	✓	✓	✓	✓	✓	✓	
	Sintered (combination of metals) metal rod guides	Standard feature on most Gabriel shocks	✓	✓	✓				

Product Area	Product Type	Product Feature and Benefits	Brand:						
			Vehicle Type:	Passenger vehicles, MPV & SUV		MPV, SUV, LDV, MCV & Older Passenger Cars		MCV, HCV	Vehicle & Industrial
			Range:	Premium Range	Standard Range	On & Off Road Range	On & Off Road Heavy Duty Range	Heavy Duty Truck and Bus Range	Vehicle & Industrial Gas Stay Range
Additional Design Criteria	Cast iron piston ring	Allows for greater durability in high operating temperatures than the alternative Teflon type ring					✓	✓	
	Teflon DU piston band insert	Designed to reduce friction between the rod and rod guide	✓	✓	✓				
	Bump Stop support	Designed to stop metal to metal contact and such damage to the shock	✓	✓					
	Strike Plate bump stop support	Designed to stop metal to metal contact and such damage to the shock		✓	✓				
	Velocity sensitive valving	Specifically designed to adjust the ride and handling performance based on differing factors such as road surface and speed	✓				✓		
	Hydraulic lock	Designed to prevents metal to metal contact under full extension and such damage to the shock					✓		
	360° Reinforce welded mounts	Increased weld strength for extreme conditions as opposed to 180 and tack welds					✓		
	Solid machined eye rings	Provides for stronger and more durable mountings as opposed to split types	✓				✓		
Colouring	White	Electrostatically applied paint (cosmetic)		✓	✓				✓
	Black	Electrostatically applied paint (cosmetic)	✓					✓	✓
	Green	Electrostatically applied paint (cosmetic)					✓		
Dust Covers	Metal	A Standard feature that protects your product from damage	✓	✓	✓			✓	
	Rubber/Plastic	A Standard feature that protects your product from damage	✓	✓		✓			
Accreditation	ISO 9000	Piece of mind that our quality production standards are met (International)	✓	✓	✓	✓	✓	✓	✓
	ISO 14001	Piece of mind that our quality production standards are met (International)	✓	✓	✓	✓	✓	✓	✓
	SABS	Piece of mind that our quality production standards are met (local RSA)	✓	✓	✓	✓	✓	✓	✓
Warranty Period	Standard - Time (Years)	Gabriel quality guarantee	3	3	3	3	1	1	
	Standard - Distance (Km)	Gabriel quality guarantee	Unlimited	Unlimited	Unlimited	Unlimited	20 000	Unlimited	
	Extended 3 to 5 Year	Gabriel quality guarantee	✓	✓	✓	✓			