



ISORAN SILVER

Megadyne Isoran Silver belts have been developed to give a more powerful alternative to Isoran RPP belts to compete against high performance transmission systems already using chains and gears, that always have a disadvantage in terms of weight, noise, lubrication and maintenance costs.

Because of the greater power they can transmit compared to Isoran RPP, Isoran Silver can be used to improve and easily upgrade already existing drives working with Isoran RPP in the spirit and concept of interchangeability which has identified Megadyne's market approach philosophy in the last years. By the way we always suggest to check that every other transmission component can bare the increased transmitted power.

Under the same transmission conditions, Isoran Silver belts have the same noise level of the Isoran RPP. Silver timing belts offers to designers:

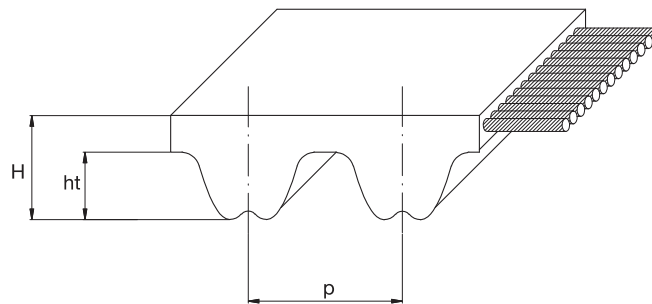
- Increased performance (by 110% compared to Isoran RPP)
- The possibility to keep using the same RPP pulleys.

Because of these features, replacing an Isoran RPP with an Isoran Silver can allow:

- To reduce belt width thanks to the higher power rate; this allows also to reduce the required pulley width. They both lead to a significant transmission weight reduction.
- To reduce the pulley dimension thanks to the higher power rate; this leads to a lower belt linear speed and to the consequent noise reduction.

Isoran Silver belts have RPP profile, designed even to be interchangeable with existing deep groove profiles and run on pulleys according to ISO 13050.

Isoran Silver belts are antistatic according to BS 2050.



Pitch		SILVER5	SILVER8	SILVER14
Pitch length (mm)	p	5	8	14
Teeth height (mm)	ht	2,00	3,20	6,00
Belt height (mm)	H	3,80	5,40	9,70

Resistance to:	Standard belt resistance
Water	Medium
Acids / Alkalis	None
Solvents	None
Mineral oils	Low
Oils	Low
Greases	Medium
Fuels	None
Environmental agents	Medium

Other features	
Temperature range	Min: -25 °C
	Max: 80 °C
	Max peak: 100 °C
Hardness	90 +/-4 ShA
Antistatic	According to BS 2050