



## SYNCHRONOUS PROFILES

### CURVILINEAR SYNCHRONOUS PROFILES

TRADE NAME	PATENT OR TECHNOLOGY HOLDER <sup>1</sup>	RELATIVE HP RATING	PITCHES (MM)	COMMENTS
HTD	Gates Rubber Co.	1.0	3, 5, 8, 14, 20	Original curvilinear profile. 8mm & 14mm patents have expired. Not interchangeable with other profiles.
STPD	Goodyear	1.0	3, 5, 8, 14 <sup>2</sup>	Not widely used in USA. Not stocked - OEM design only.
RPP	Pirelli	1.0	8, 14	Gaining acceptance in USA. Rated as interchangeable with HTD.
HPR	Pirelli	1.5	8, 14	Same profile as RPP with new construction. Higher rating based on use in RPP pulleys.
RPP-Panther	Pirelli	2.0+	8, 14	Same profile as RPP with special aramid construction. Higher ratings require use of high performance pulleys.
HPPD	Goodyear	1.0	8, 14	Tooth profile licensed from Pirelli. Construction technology per STPD patent. Rated as interchangeable with HTD pulleys.
GT	Gates Rubber Co.	2.0+	8, 14	Trade Name: Poly Chain. Special urethane and aramid construction not interchangeable with other profiles.

- NOTES: 1. This table reflects commercial practice in the North American Market. While the companies listed above developed the products, many other belt and power transmission component manufacturers are licensed to manufacture/sell the products.
2. STPD also available in 2.5mm and 4.5mm pitches on a made to order basis (if molds are available).

PS: Since late 1997 Goodyear has been marketing their 8mm and 14mm Eagle pd. It would have a relative rating 15% below Poly Chain® GT® belts. It is a herringbone (double helix) tooth pattern, anoc must run in special pulleys.