

The Seven Strip Patterns

pppppppppppppp

- horizontal translation

crystallographers class: $p111$

cccccccccccccc

- horizontal translation
- glide reflection
- horizontal reflection

crystallographers class: $p1m1$

pbpbpbpbpbpb

- horizontal translation
- glide reflection

crystallographers class: $p1a1$

pqpqpqpqpqpq

- horizontal translation
- vertical reflection (about pq and qp)

crystallographers class: $pm11$

pdpdpdpdpdpd

- horizontal translation
- rotation (about dp and pd)

crystallographers class: $p112$

pdbqpdbqpdbq

- horizontal translation
- glide reflection
- rotation (about pd and bq)
- vertical reflection (about qp and db)

crystallographers class: $pma2$

oooooooooooo

- horizontal translation
- horizontal reflection
- glide reflection
- rotation (about o and oo)
- vertical reflection (about o and oo)

crystallographers class: $pmm2$