

CUARZO ROSA Socks

By Terry Liann Morris – SailingKnitter

In nature, mineral specimens of Rose Quartz (*cuarzo rosa* in Spanish), can be found as groupings of lacy crystals. These amazing clusters of delicate pink crystals are the inspiration for this lace sock design. The lace begins in the ribbed cuff then grows into more substantial formations along the leg and down into the foot. These socks are knit cuff-down to the toe and feature the traditional heel flap and gusset construction method. Directions are given both in charts as well as line-by-line written instructions.

Materials

360 (400) yds Three Irish Girls Inc, *Adorn Sock* yarn (80% merino, 20% nylon)
1 set US Size 1 (2.25mm) double point needles *or size needed to obtain gauge*
Cable needle
Stitch marker

Sizes (2)

Women's Medium, Women's Large

Gauge

8.5 sts = 1" over stockinette st

Notes

1. **Right Lifted Increase** = insert needle tip as to purl into the right leg of the stitch *below* the first st and lift this strand to the instep needle. **Purl** it to make 1 new st.
2. **Left Lifted Increase** = insert needle tip from the left into the left leg of the stitch *below* the last st on the instep and lift this strand to the instep needle. **Purl** it to make 1 new st.
3. **Decrease cable** = slip 1 st to cable needle and hold in front, k2tog, k1 st from cable needle.
4. Work each line of both the CUFF and LEG charts 2 times for a complete rnd.

CUFF

Loosely cast on 60 (68) sts (the German Twisted Cast On method is recommended). Join to knit in the rnd taking care not to twist the stitches. Begin to work from the CUFF chart for your selected size, *or* from the Line-by-line Instructions. Repeat the 4 rnds of the cuff pattern 3 more times. Then, work **Rnd 1** one more time for a total of 17 rnds.



ABBREVIATIONS

k	Knit
k2tog	Knit 2 together
p	Purl
rnd	Round
sm	Slip marker
ssk	Slip 1 knitwise, slip 1 knitwise, knit these 2 together thru back loops.

Rnd 5: *k1 (2), p1, k5, p1, k1 (2), p3 (4), k3, k2tog, k2, yo, p1, yo, k2, ssk, k3, p3 (4), repeat from * once

Rnd 6: *k2 (3), k2tog, yo, k1, yo, ssk, k2 (3), p3 (4), k2, k2tog, k2, yo, k3, yo, k2, ssk, k2, p3 (4), repeat from * once

Rnd 7: *k9 (11), p3 (4), k1, k2tog, k2, yo, p5, yo, k2, ssk, k1, p3 (4), repeat from * once

Rnd 8: *k1 (2), k2tog, yo, k3, yo, ssk, k1 (2), p3 (4), k2tog, k2, yo, k7, yo, k2, ssk, p3 (4) repeat from * once

Rnd 9: *k9 (11), p3 (4), yo, k2, ssk, p7, k2tog, k2, yo, p3 (4), repeat from * once

Rnd 10: *k2 (3), yo, ssk, yo, k3tog, yo, k2 (3), p3 (4), k1, yo, k2, ssk, k5, k2tog, k2, yo, k1, p3 (4) repeat from * once

Rnd 11: *k9 (11), p3 (4), k2, yo, k2, ssk, p3, k2tog, k2, yo, k2, p3 (4), repeat from * once

Rnd 12: *k3 (4), yo, slip 1, k2tog, pssso, yo, k3 (4), p3 (4), k3, yo, k2, ssk, p1, k2tog, k2, yo, k3, p3 (4), repeat from * once

Rnd 13: *k1 (2), p1, k5, p1, k1 (2), p3 (4), yo, k2, ssk, k3, p1, k3, k2tog, k2, yo, p3 (4) repeat from * once

Rnd 14: *k1 (2), p2, k3, p2, k1 (2), p3 (4), k1, yo, k2, ssk, k2, p1, k2, k2tog, k2, yo, k1, p3 (4), repeat from * once

Rnd 15: *k1 (2), p2, decrease cable, p2, k1 (2), p3 (4), k2, yo, k2, ssk, k1, p1, k1, k2tog, k2, yo, k2, p3 (4), repeat from * once

Rnd 16: *k1 (2), p2, k1, yo, k1, p2, k1 (2), p3 (4), k3, yo, k2, ssk, p1, k2tog, k2, yo, k3, p3 (4), repeat from * once

Rnd 17: *k1 (2), p2, k3, p2, k1 (2), p3 (4), k2tog, yo, p2, k2tog, yo, k1, p1, k1, yo, ssk, p2, yo, ssk, p3 (4) repeat from * once

Rnd 18: *k1 (2), p2, k3, p2, k1 (2), p3 (4), k2, p2, (k1, p1) 3 times, k1, p2, k2, p3 (4), repeat from * once

Rnd 19: *k1 (2), p2, decrease cable, p2, k1 (2), p3 (4), yo, ssk, p2, k2tog, yo, k1, p1, k1, yo, ssk, p2, k2tog, yo, p3 (4), repeat from * once

Rnd 20: *k1 (2), p2, k1, yo, k1, p2, k1 (2), p3 (4), k2, p2, (k1, p1) 3 times, k1, p2, k2, p3 (4), repeat from * once

Rnd 21: *k1 (2), p2, k3, p2, k1 (2), p3 (4), k2tog, yo, p2, k2tog, yo, k1, p1, k1, yo, ssk, p2, yo, ssk, p3 (4), repeat from * once

Rnd 22: *k1 (2), p2, k3, p2, k1 (2), p3 (4), k2, p2, (k1, p1) 3 times, k1, p2, k2, p3 (4), repeat from * once

Rnd 23: *k1 (2), p2, decrease cable, p2, k1 (2), p3 (4), yo, ssk, p2, k2tog, yo, k1, p1, k1, yo, ssk, p2, k2tog, yo, p3 (4), repeat from * once

Rnd 24: *k1 (2), p2, k1, yo, k1, p2, k1 (2), p3 (4), k2, p2, (k1, p1) 3 times, k1, p2, k2, p3 (4), repeat from * once

Rnd 25: *k1 (2), p2, k3, p2, k1 (2), p3 (4), k2tog, yo, p2, k2tog, yo, k1, p1, k1, yo, ssk, p2, yo, ssk, p3 (4), repeat from * once

Rnd 26: *k1 (2), p2, k3, p2, k1 (2), p3 (4), k2, p2, (k1, p1) 3 times, k1, p2, k2, p3 (4), repeat from * once

Repeat these 26 rnds once more, then work rnds 1 thru 16 only for a total of 68 rnds of leg patterning.

HEEL FLAP

Set up for Heel: k1 (2), p2, k3, place marker, k27 (31). Stop. Turn Work. You will now begin to work back and forth in rows for the Heel Flap.

Next (WS): Slip 1, purl to marker. Remove marker. Rearrange these last 27 (31) sts worked onto one needle for your heel flap. Rearrange the remaining 33 (37) sts divided somewhat evenly onto 2 needles. These will be held for the instep to be worked later. You will still have 60 (68) sts total. Turn work.

Work the 2 rows of the following heel flap pattern until flap measures 2" (2 ¼") in length ending after working a WS row.

Heel Flap Pattern

Row 1 (RS): Slip 1 as to knit, k1, *slip 1 as to purl, k1, repeat from * to last st, k1

Row 2 (WS): Slip 1 as to purl, purl to the end of the row

HEEL CUP

Note: All slipped stitches in the heel cup are slipped as to purl.

Row 1 (RS): slip 1, k15 (17), SSK, k1, turn. You will leave 8 (10) sts un-worked

Row 2 (WS): slip 1, p6, p2tog, p1, turn

Row 3: slip 1, k7, SSK, k1, turn

Row 4: slip 1, p8, p2tog, p1, turn

Row 5: slip 1, k9, SSK, k1, turn

Row 6: slip 1, p10, p2tog, p1, turn

Row 7: slip 1, k11, SSK, k1, turn

Row 8: slip 1, p12, p2tog, p1, turn

Row 9: slip 1, k13, SSK, k1, turn

Row 10: slip 1, p14, p2tog, p1, turn

Continue for Women's Large

Row 11: slip 1, k15, SSK, k1, turn

Row 12: slip 1, p16, p2tog, p1, turn

Both Sizes

Knit the remaining 17 (19) sts.

GUSSETS

Starting with the gussets, the sole of the foot will be worked in Stockinette st (just knits) and the established patterning on the front of the leg will continue on the instep (top of foot). Start with the **Set up Round** below, then, work the alternating decrease rounds of the gussets.

Note: When picking up sts on the heel flap you pick up 1 st for each slipped stitch. Due to differences in each knitter's row gauge you may have fewer or more rows on your heel flap. If you have fewer rows, pick up the total number as called for in the instructions by putting 2 sts in some loops. If you have more rows, pick up 1 st for each row and note that you will have a higher total st count and work gusset decreases until you have the instructed total number.

Set up Round: Continuing with the heel flap needle, pick up and *knit* 14 (17) sts along edge of heel flap. Stop. You should have one more slipped st remaining on the edge of the heel flap. With a free needle, pick up and *purl* this last heel flap st.

Continuing with this needle make a **purled Right Lifted Increase** from the first st of the next needle (see Note 1). You will now have 2 purl sts together on one needle. These are the first 2 sts of the instep (Rnd 17) Now continuing with this needle, work the next needle in established pattern to end of this needle (see below for **Instep Charts and Line-by-line instructions** to help you with this). Set empty needle aside and continue in established pattern across next needle combining all sts onto one needle. You will have 35 (39) sts at this point. To complete the instep, make a **purled Left Lifted Increase** (see Note 2) from the last st. on this needle. Finally, pick up and *purl* 1 st at the beginning of the heel flap side. You will now have 37 (41) sts on the instep needle.

With free needles, pick up and *knit* 14 (17) sts along remaining heel flap edge. Continuing with this same needle, knit 8 (9) sts from the heel flap needle. This is the center bottom of the foot and the beginning/ending of all rounds.

You will now have 23 (27) sts on first needle, 37 (41) sts on second needle, and 22 (26) sts on third needle = 82 (94) sts.

Gusset Decreases

Rnd 1: On first needle, knit all sts. Continue in established pattern over the instep needle. On last needle knit all sts.

Rnd 2: Knit to last 3 sts on first needle, k2tog, k1. Continue in established pattern over the instep needle. On the last needle, k1, ssk, knit to the end of the needle.

Continue to work these 2 rnds of gusset decreases until you have 12 (14) sts remaining on the first and last needles for the sole. (You will need to work only the first needle decreases the last time you work Rnd 2 as there was 1 more stitch before you began) .You will have a total of 61 (69) sts.

Rnd 2: p2, k1, yo, k1, p2, k1 (2), p3 (4), k2, k2tog, k2, yo, k1, p1, k1, yo, k2, ssk, k2, p3 (4), k1 (2), p2, k1, yo, k1, p2

Rnd 3: p2, k3, p2, k1 (2), p3 (4), k1, k2tog, k2, yo, k2, p1, k2, yo, k2, ssk, k1, p3 (4), k1 (2), p2, k3, p2

Rnd 4: p2, k3, p2, k1 (2), p3 (4), k2tog, k2, yo, k3, p1, k3, yo, k2, ssk, p3 (4), k1 (2), p2, k3, p2

Rnd 5: p1, k5, p1, k1 (2), p3 (4), k3, k2tog, k2, yo, p1, yo, k2, ssk, k3, p3 (4), k1 (2), p1, k5, p1

Rnd 6: k1, k2tog, yo, k1, yo, ssk, k2 (3), p3 (4), k2, k2tog, k2, yo, k3, yo, k2, ssk, k2, p3 (4), k2 (3), k2tog, yo, k1, yo, ssk, k1

Rnd 7: k8 (9), p3 (4), k1, k2tog, k2, yo, p5, yo, k2, ssk, k1, p3 (4), k8 (9)

Rnd 8: k2tog, yo, k3, yo, ssk, k1 (2), p3 (4), k2tog, k2, yo, k7, yo, k2, ssk, p3 (4), k1 (2), k2tog, yo, k3, yo, ssk

Rnd 9: k8 (9), p3 (4), yo, k2, ssk, p7, k2tog, k2, yo, p3 (4), k8 (9)

Rnd 10: k1, yo, ssk, yo, k3tog, yo, k2 (3), p3 (4), k1, yo, k2, ssk, k5, k2tog, k2, yo, k1, p3 (4), k2 (3), yo, ssk, yo, k3tog, yo, k1

Rnd 11: k8 (9), p3 (4), k2, yo, k2, ssk, p3, k2tog, k2, yo, k2, p3 (4), k8 (9)

Rnd 12: k2, yo, slip 1, k2tog, pssso, yo, k3 (4), p3 (4), k3, yo, k2, ssk, p1, k2tog, k2, yo, k3, p3 (4), k3 (4), yo, slip 1, k2tog, pssso, yo, k2

Rnd 13: p1, k5, p1, k1 (2), p3 (4), yo, k2, ssk, k3, p1, k3, k2tog, k2, yo, p3 (4), k1 (2), p1, k5, p1

Rnd 14: p2, k3, p2, k1 (2), p3 (4), k1, yo, k2, ssk, k2, p1, k2, k2tog, k2, yo, k1, p3 (4), k1 (2), p2, k3, p2

Rnd 15: p2, decrease cable, p2, k1 (2), p3 (4), k2, yo, k2, ssk, k1, p1, k1, k2tog, k2, yo, k2, p3 (4), k1 (2), p2, decrease cable, p2

Rnd 16: p2, k1, yo, k1, p2, k1 (2), p3 (4), k3, yo, k2, ssk, p1, k2tog, k2, yo, k3, p3 (4), k1 (2), p2, k1, yo, k1, p2

FOOT

Knit all sts on first needle, keep established pattern on instep needle and work last needle in all knit sts until foot length measures 7" (8") from the back of the heel *or until 2 (2 ¼) inches less than your total desired foot length.* **Note:** For correct st counts to begin the toe decreases, work 1 more rnd if your last rnd contained the decrease cable (rnds 1, 15, 19, or 23).

TOE DECREASES

Rnd 1: knit all sts on first needle. On instep needle work established pattern over first 7 sts, place marker, ssk, k8 (10), k2tog, k9 (11), k2tog, place marker, work established pattern over last 7 sts. Knit all sts on last needle. You will have 58 (66) sts.

Rnd 2: knit all sts on first needle. On instep needle work pattern over first 7 sts, knit to marker, sm, work pattern to end of needle. Knit all sts on last needle.

Rnd 3: knit all sts on first needle. On instep needle work established pattern over first 7 sts, sm, ssk, knit to 2 sts before marker, k2tog, sm, work established pattern over last 7 sts. Knit all sts on last needle. You will have 56 (64) sts.

Repeat Rnds 2 & 3 until you have 8 (12) sts between markers. You will have a total of 48 (56) sts. Then work Rnd 2 once more.

Next, you will decrease 4 sts every other rnd with a repeat of Rnd 2 (no decreases) in between as follows:

Decrease 4 sts Rnd: on first needle knit to the last 3 sts, k2tog, k1. On instep needle work established pattern over first 7 sts, sm, ssk, knit to 2 sts before marker, k2tog, sm, work established pattern over last 7 sts. On last needle, k1, ssk, knit to end of needle. You will have 44 (52) sts.

Work Rnd 2.

Repeat these 2 rnds until you have 32 sts.

Note: For correct st counts for the toe, if your last rnd worked as a decrease cable (rnds 1, 15, 19, or 23) you will need to work the yarn over on the first rnd in the next section.

From this point to the end of the toe you will no longer work the 7 sts of patterning on each side of the toe. Instead you will work in stockinette stitch (knit only). At the same time you will decrease 4 sts on *every rnd* as follows:

Next 3 Rnds: on first needle knit to the last 3 sts, k2tog, k1. On instep needle k1, ssk, knit (removing markers) to last 3 sts, k2tog, k1. On last needle, k1, ssk, knit to end of needle. You will have 20 sts.

Continuing with the last needle, knit across the 5 sts on the first needle = 10 sts each on 2 needles. Graft (Kitchener stitch) the toe closed. Weave in ends. Enjoy!