

• **PETROJELLY FILLED NON ARMOURED CABLE** •

(Polyethylene insulated, Petrojelly filled, Aluminium screened, Polyethylene sheathed)

Specification : STEL - K - 008

: SII. 0618 - 82

Size : Tp - EJ (Pe) E 10 - 1.200 x 2 x 0.4 mm

MECHANICAL PROPERTIES

| 1 | 2 | 3 | | 4 | 5 | 6 | 7 | 8 |
|------------|----------------------------|--|--------|------------------|------------|-------------------------|---------------|---|
| Cable Size | Nominal Conductor Diameter | Nominal Thickness | | Approximation | | Standard Packing length | Delivery form | |
| | | Insulation | Sheath | Outside Diameter | Net Weight | | | |
| pair | mm | mm | mm | mm | kg/km | m | unit | |
| 10 | 0.4 ± 0.01 | Nominal 0.21 Minimum 0.26 | 1.8 | 15.5 | 116 | 1.000 | Haspel | |
| 20 | | | 1.8 | 18.0 | 184 | 1.000 | | |
| 30 | | | 1.8 | 19.5 | 248 | 1.000 | | |
| 40 | | | 1.8 | 21.0 | 298 | 1.000 | | |
| 50 | | | 1.8 | 22.0 | 346 | 1.000 | | |
| 60 | | | 1.8 | 23.5 | 393 | 1.000 | | |
| 80 | | | 1.8 | 26.0 | 498 | 1.000 | | |
| 100 | | | 1.8 | 27.5 | 596 | 1.000 | | |
| 120 | | | 2.0 | 29.5 | 747 | 1.000 | | |
| 150 | | | 2.0 | 32.0 | 873 | 1.000 | | |
| 200 | | | 2.0 | 36.0 | 1,140 | 500 | | |
| 250 | | | 2.2 | 39.0 | 1,407 | 500 | | |
| 300 | | | 2.2 | 42.0 | 1,710 | 500 | | |
| 400 | | | 2.2 | 47.0 | 2,227 | 500 | | |
| 500 | | | 2.6 | 52.0 | 2,780 | 500 | | |
| 600 | | | 2.6 | 56.0 | 3,289 | 500 | | |
| 800 | 3.0 | 63.0 | 4,333 | 350 | | | | |
| 1,000 | 3.0 | 69.0 | 5,398 | 350 | | | | |
| 1,200 | 3.4 | 75.0 | 6,515 | 300 | | | | |



ELECTRICAL CHARACTERISTICS

| 1 | 2 | 3 | 4 | 5 | |
|----------------------------|--------------------|------------|----------------------------------|-----------------|----------------|
| Nominal Conductor Diameter | Resistance at 20°C | | Max.Mutual Capacitance at 800 Hz | AC Voltage Test | |
| | Conductor | Insulation | | Core to Core | Core to screen |
| mm | Ohm/km | M.Ohm.km | nF/km | Volt/min | Volt/min |
| 0.4 ± 0.01 | 150 | 10,000 | 50 | 500 | 2000 |



- Copper Conductor with PE Insulated
- Water Blocking Tape
- Aluminium Screened
- Polyethylene Sheathed

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Specification : STEL - K - 008

: SII. 0618 - 82

Size : Tp - EJ (Pe) E 10 - 800 X 2 X 0.6 mm

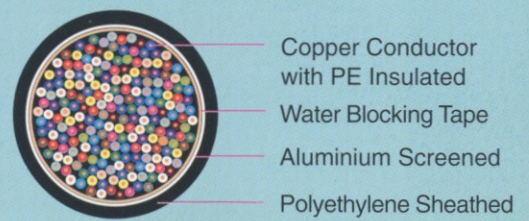
MECHANICAL PROPERTIES

| 1 | 2 | 3 | | 4 | | 5 | 6 | 7 | 8 | |
|------------|----------------------------|-------------------|--------|------------------|------------|-------------------------|---------------|--------|------|-------|
| Cable Size | Nominal Conductor Diameter | Nominal Thickness | | Approximation | | Standard Packing Length | Delivery form | | | |
| | | Insulation | sheath | Outside Diameter | Net Weight | | | | | |
| pair | mm | mm | mm | mm | kg/km | | | | unit | |
| 10 | 0.6 ± 0.01 | Nominal | | 1.8 | 17.5 | 179 | 1.000 | Haspel | | |
| 20 | | | | 1.8 | 20.5 | 297 | 1.000 | | | |
| 30 | | | | 1.8 | 23.0 | 403 | 1.000 | | | |
| 40 | | | | 1.8 | 25.0 | 510 | 1.000 | | | |
| 50 | | | | 1.8 | 27.0 | 602 | 1.000 | | | |
| 60 | | | | 2.0 | 29.0 | 737 | 1.000 | | | |
| 80 | | | | 2.0 | 31.5 | 942 | 1.000 | | | |
| 100 | | | | 2.0 | 34.0 | 1,164 | 1.000 | | | |
| 120 | | | | Minimum | 2.0 | 36.0 | 1,380 | | | 1.000 |
| 150 | | | | | 2.2 | 40.5 | 1,710 | | | 1.000 |
| 200 | | | | | 2.2 | 45.0 | 2,227 | | | 500 |
| 250 | | | | | 2.6 | 50.0 | 2,784 | | | 500 |
| 300 | | | | | 2.6 | 54.0 | 3,290 | | | 500 |
| 400 | | | | | 2.6 | 61.0 | 4,396 | | | 350 |
| 500 | | | | | 3.0 | 67.0 | 5,538 | | | 350 |
| 600 | | | | | 3.4 | 73.0 | 6,663 | | | 300 |
| 800 | 3.4 | 83.0 | 8,627 | 250 | | | | | | |



ELECTRICAL CHARACTERISTICS

| 1 | 2 | 3 | 4 | 5 | |
|----------------------------|--------------------|------------|-----------------------------------|-----------------|----------------|
| Nominal Conductor Diameter | Resistance at 20°C | | Max. Mutual Capacitance at 800 Hz | AC Voltage Test | |
| | Conductor | Insulation | | Core to Core | Core to screen |
| mm | Ohm/km | M. Ohm.km | nF/km | Volt/min | Volt/min |
| 0.6 ± 0.01 | 65 | 10,000 | 55 | 500 | 2000 |



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(Polyethylene insulated, Petrojelly filled, Aluminium screened, Polyethylene Sheathed)

Specification : STEL - K - 008

: SII. 0618 - 82

Size : Tp - EJ (Pe) E 10 - 400 X 2 X 0.8 mm

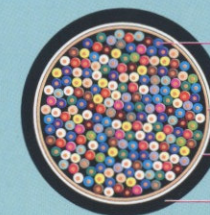
MECHANICAL PROPERTIES

| Cable Size | Nominal Conductor Diameter | Nominal Thickness | | Approximation | | Standard Length Packing | Delivery form |
|------------|----------------------------|---------------------------------------|--------|------------------|------------|-------------------------|---------------|
| | | Insulation | Sheath | Outside Diameter | Net Weight | | |
| pair | mm | mm | mm | mm | kg/km | m | unit |
| 10 | 0.8 ± 0.02 | Nominal 0.36 Minimum 0.4 | 1.8 | 23.5 | 179 | 1.000 | Haspel |
| 20 | | | 1.8 | 24.0 | 297 | 1.000 | |
| 30 | | | 1.8 | 27.0 | 403 | 1.000 | |
| 40 | | | 1.8 | 30.0 | 510 | 1.000 | |
| 50 | | | 1.8 | 32.5 | 602 | 1.000 | |
| 60 | | | 1.8 | 35.0 | 737 | 1.000 | |
| 80 | | | 1.8 | 38.0 | 942 | 1.000 | |
| 100 | | | 1.8 | 42.0 | 1,164 | 1.000 | |
| 120 | | | 2.0 | 45.0 | 1,380 | 1.000 | |
| 150 | | | 2.0 | 50.0 | 1,710 | 1.000 | |
| 200 | | | 2.0 | 56.0 | 2,227 | 500 | |
| 250 | | | 2.2 | 62.0 | 2,784 | 500 | |
| 300 | | | 2.2 | 66.5 | 3,290 | 500 | |
| 400 | | | 2.2 | 67.0 | 4,396 | 350 | |



ELECTRICAL CHARACTERISTIC

| Nominal Conductor Diameter | Resistance at 20°C | | Max. Mutual Capacitance | AC Voltage Test | |
|----------------------------|--------------------|------------|-------------------------|-----------------|----------------|
| | Conductor | Insulation | | Core to Core | Core to screen |
| | mm | Ohm/km | | M. Ohm.km | nF/km |
| 0.8 ± 0.02 | 65.0 | 10,000 | 55 | 500 | 2,000 |
| | 36.5 | 10,000 | 55 | 500 | 2,000 |



- Copper Conductor with PE Insulated
- Water Blocking Tape
- Aluminium Screened
- Polyethylene Sheathed