INDUSTRIES

StarRise™ C18 HPLC Columns

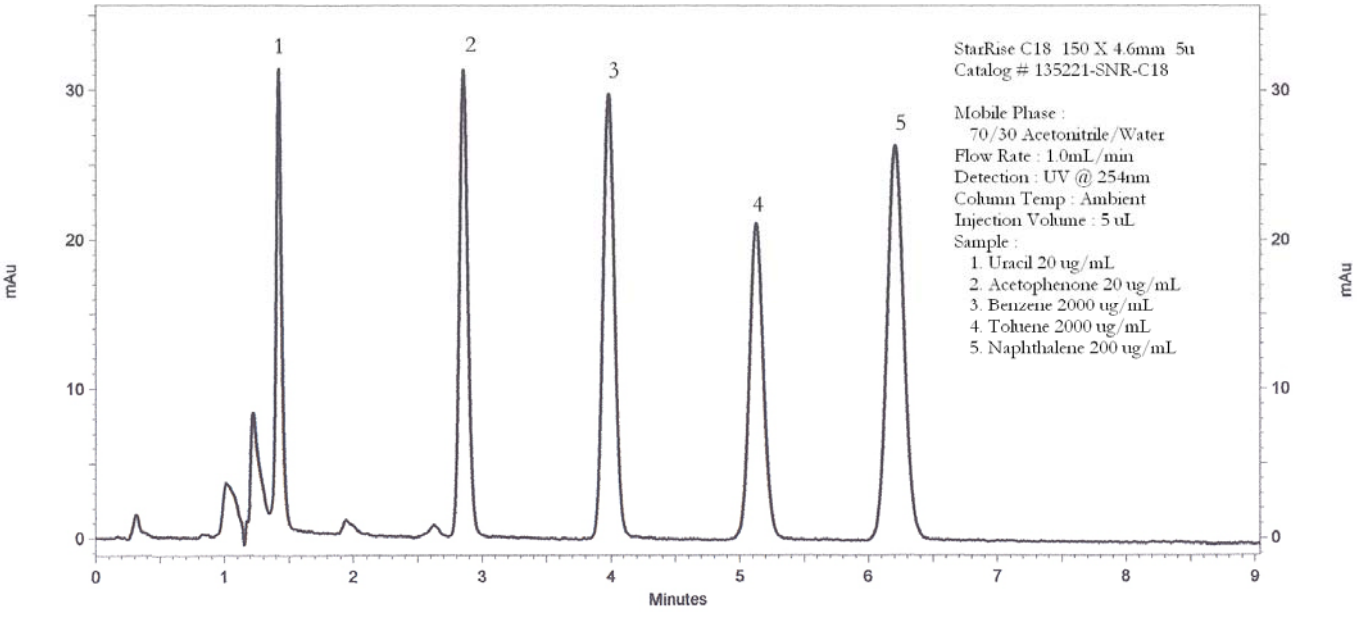
Application News

701 South Route 73 • West Berlin, New Jersey 08091-2621 • (856) 753-8400 • Fax (856) 753-8484

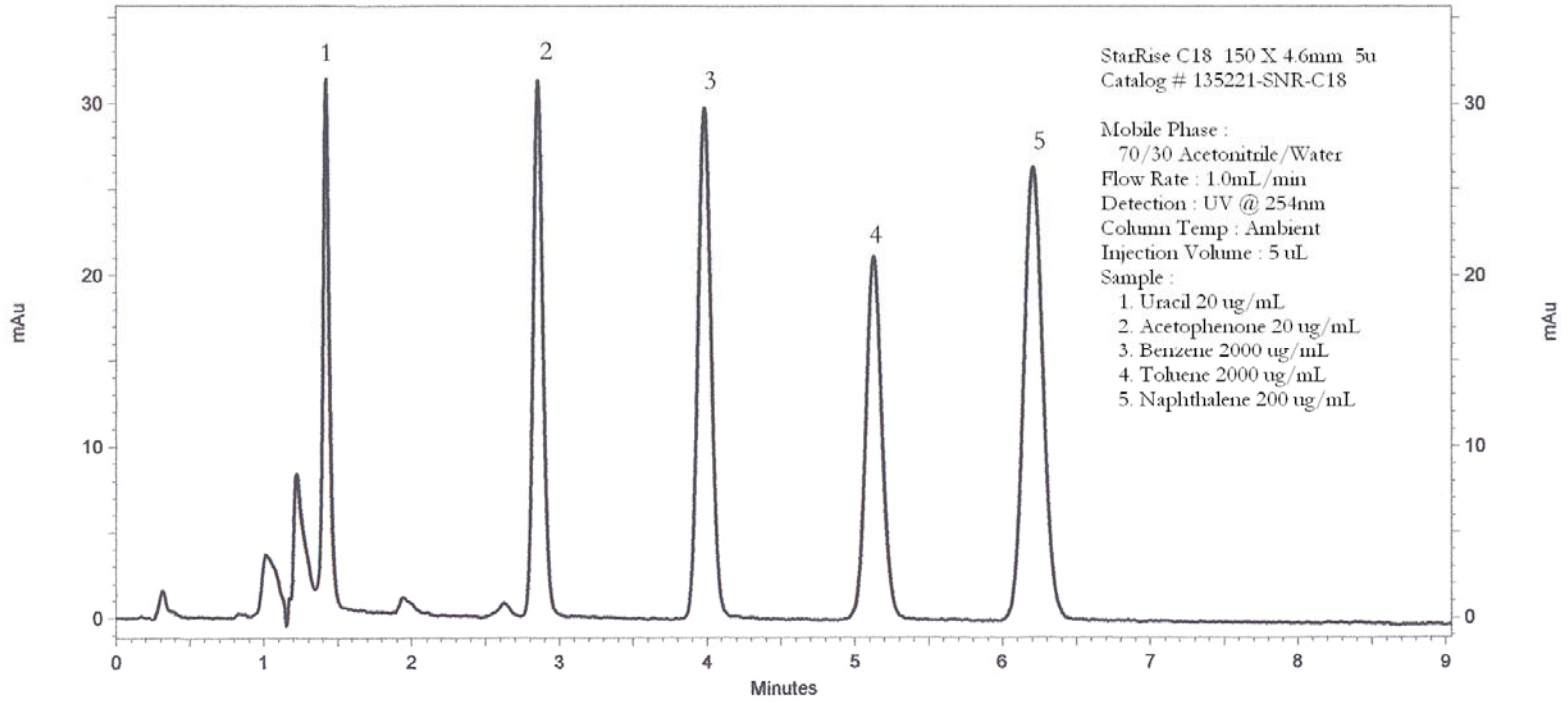
StarRise™ – *The StarRise™ line is an identical selectivity to the Waters SunFire™ C18 and C8 materials.* StarRise™ has a long column lifetime and excellent reproducibility. StarRise™ columns provide symmetrical peaks for improved resolution and quantization of acidic neutral and basic compounds a low and intermediate pH range. StarRise™ is available in many particle sizes as well as preparative bulk.

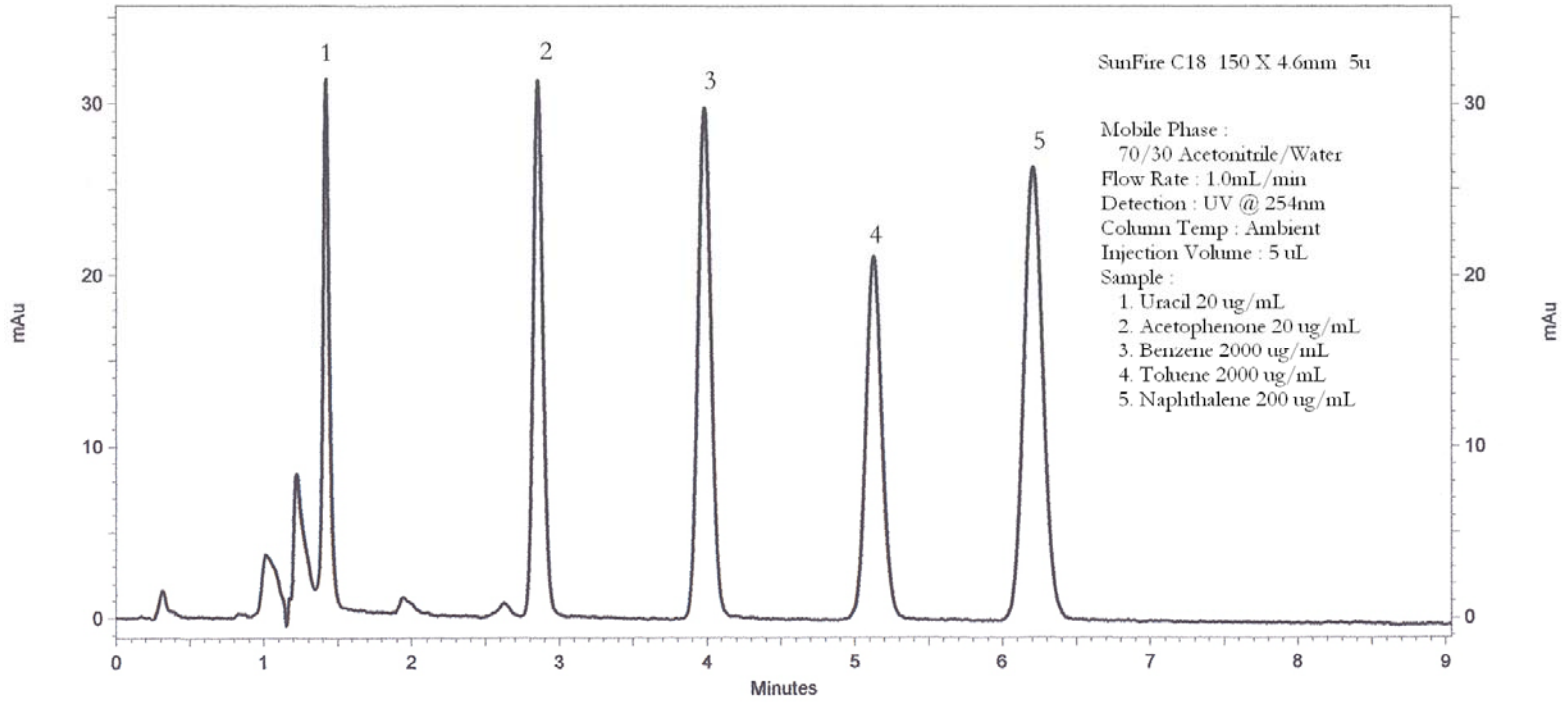
Specifications

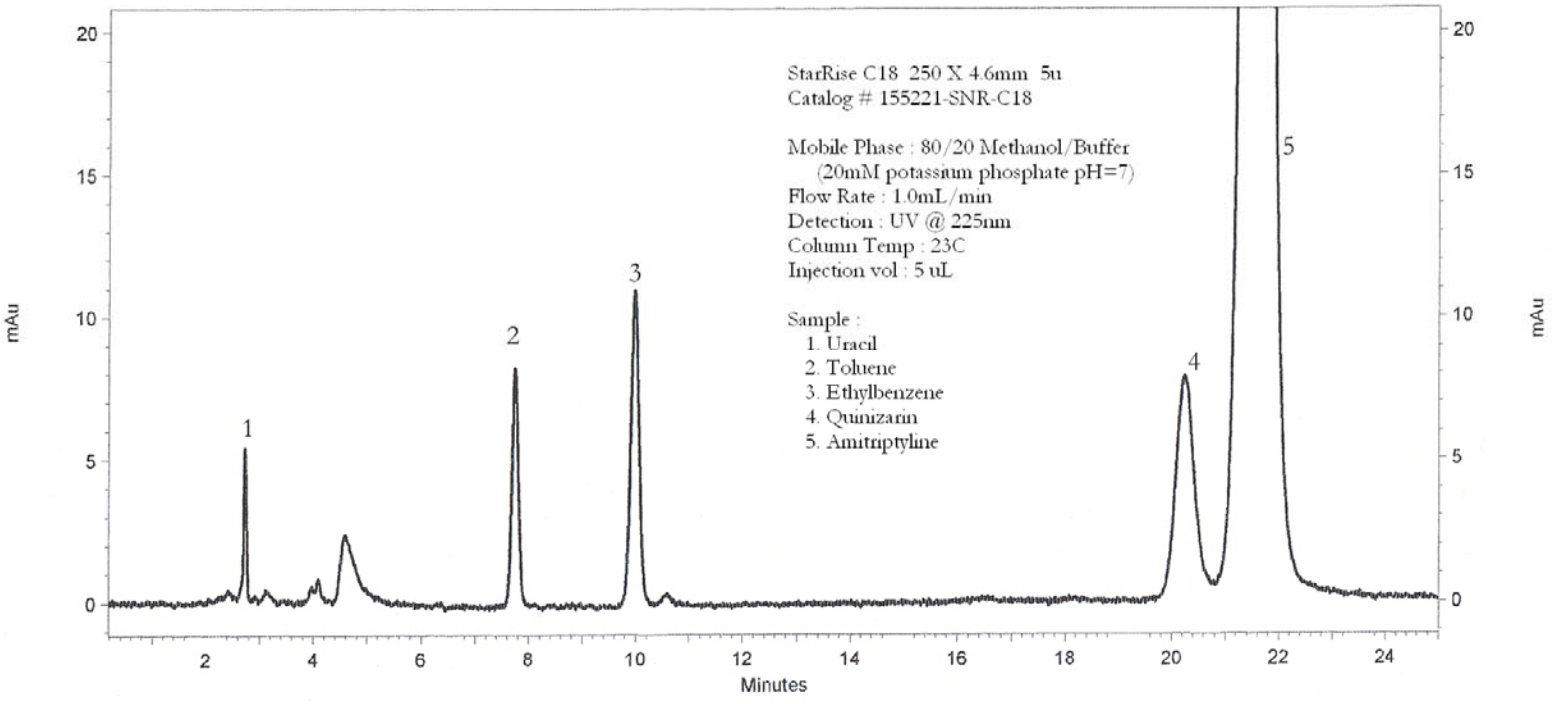
- Spherical Silica
- Particle Size Available : 2.5µ, 3.5µ, 5µ
- Pore Diameter : 100Å
- Carbon Loading : C8 = 11.5%
- Carbon Loading : C18 = 16%
- Endcapped

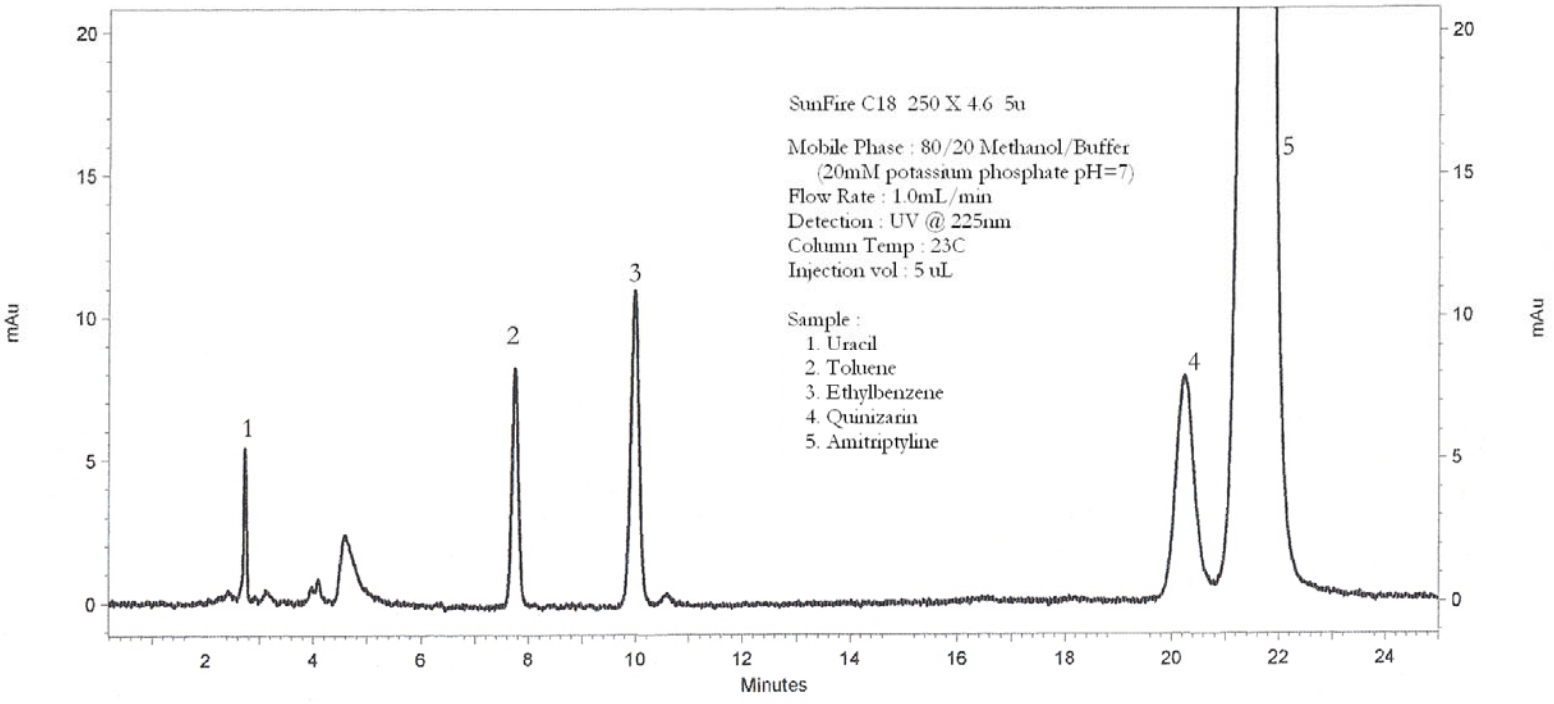


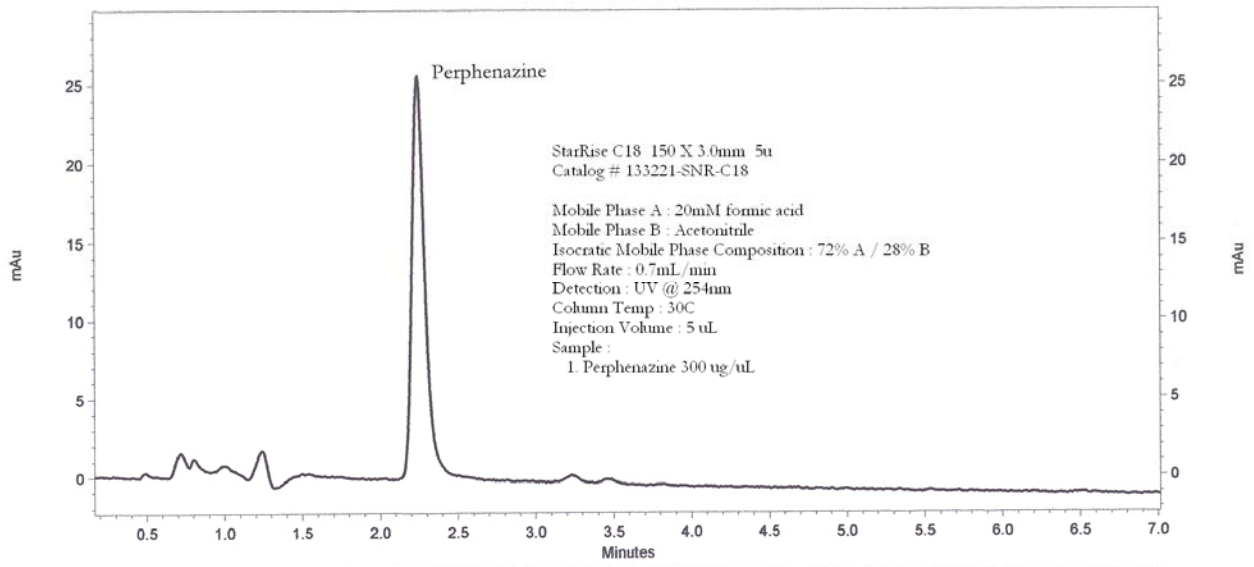
* Sunfire™ is a registered trademark of Waters Corporation Inc.

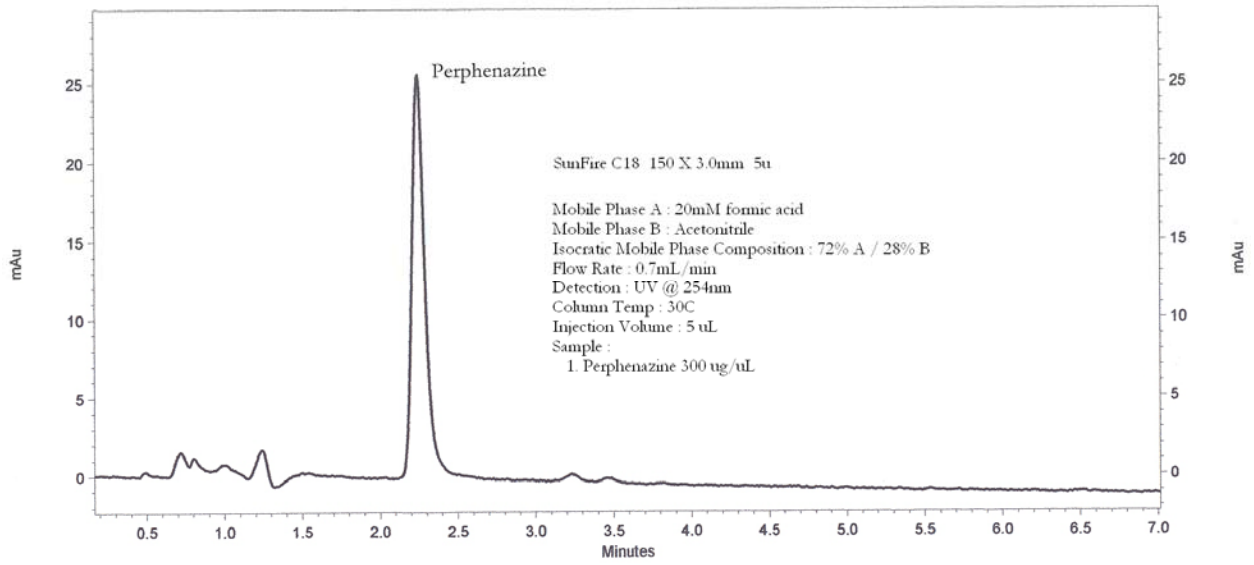

StarRise C18 150 X 4.6mm 5u
Catalog # 135221-SNR-C18
Mobile Phase :
70/30 Acetonitrile/Water
Flow Rate : 1.0mL/min
Detection : UV @ 254nm
Column Temp : Ambient
Injection Volume : 5 uL
Sample :
1. Uracil 20 ug/mL
2. Acetophenone 20 ug/mL
3. Benzene 2000 ug/mL
4. Toluene 2000 ug/mL
5. Naphthalene 200 ug/mL
1
2
3
4
5
mAu
Minutes


SunFire C18 150 X 4.6mm 5u
Mobile Phase :
70/30 Acetonitrile/Water
Flow Rate : 1.0mL/min
Detection : UV @ 254nm
Column Temp : Ambient
Injection Volume : 5 uL
Sample :
1. Uracil 20 ug/mL
2. Acetophenone 20 ug/mL
3. Benzene 2000 ug/mL
4. Toluene 2000 ug/mL
5. Naphthalene 200 ug/mL
1
2
3
4
5
mAu
Minutes


StarRise C18 250 X 4.6mm 5u
Catalog # 155221-SNR-C18
Mobile Phase : 80/20 Methanol/Buffer
(20mM potassium phosphate pH=7)
Flow Rate : 1.0mL/min
Detection : UV @ 225nm
Column Temp : 23C
Injection vol : 5 uL
Sample :
1. Uracil
2. Toluene
3. Ethylbenzene
4. Quinizarin
5. Amitriptyline
mAu
Minutes


SunFire C18 250 X 4.6 5u
Mobile Phase : 80/20 Methanol/Buffer
(20mM potassium phosphate pH=7)
Flow Rate : 1.0mL/min
Detection : UV @ 225nm
Column Temp : 23C
Injection vol : 5 uL
Sample :
1. Uracil
2. Toluene
3. Ethylbenzene
4. Quinizarin
5. Amitriptyline
mAu
Minutes





StarRise™ C18 3.5u 100A

	4.6mm (ID)	4.0mm (ID)	3.2mm (ID)	2.1mm (ID)
5cm	101311-616	101311-614	101311-612	101311-610
7.5cm	101311-624	101311-622	101311-620	101311-618
10cm	101311-600	101311-598	101311-596	101311-594
15cm	101311-608	101311-606	101311-604	101311-602

StarRise™ C18 5u 100A

	4.6mm (ID)	4.0mm (ID)	3.2mm (ID)	2.1mm (ID)
5cm	101311-656	101311-654	101311-652	101311-650
10cm	101311-632	101311-630	101311-628	101311-626
15cm	101311-640	101311-638	101311-636	101311-634
25cm	101311-648	101311-646	101311-644	101311-642

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