

STAEDTLER® Lumocolor® permanent special



- ONE FOR ALL - WRITE ON WHATEVER YOU LIKE – EVEN ON SURFACES WHERE OTHER FINE-MARKERS DO NOT WRITE ON

Type:	Universal pen for use on almost all surfaces and nano-technically coated surfaces		
Features:	Sticks to nano-technically coated surfaces Sticks to eyeglasses with easy to Clean coatings and Teflon, where other markers drip off Sturdy writing tip Super colour brilliancy Confirms to standards ISO 11540 and ASTM D-4236 Stokes are temperature resistant up to 250 °C EAN on the pen Airplane – Safe Plastic part of product 39% recycled material		
Field of application:	Opticians for strokes on coated eyeglasses (e.g. easy to Clean - or scratch resistance coatings) Industrial firms working with nano-technology and in nano-technology research institutes Outdoors for example as garden marker (weather-resistant) With black ink as laundry marker		
Writing medium:	Nano-technically coated surfaces and almost all plain surfaces like plastic, glass, china, metal, stone, wood, fabrics, leather ...		
Ink:	Alcohol based dye stuff ink, waterproof, super brilliant, almost odourless, quick drying, xylene free		
Storage:	Horizontal storage recommended. During vertical storage the ink shows a drain back effect so that the pen seems to be dried up. The pen can be reactivated by storing it horizontally for about two minutes.		
Light resistance:	Colour black is lightfast for 7 years, colour red is lightfast for 1 year		
Drying time:	approx. 2 - 4 sec (not only important for left handed person)		
Cap-off time:	10 - 15 min		
Barrel:	PP		
Cap:	PP		
Tip-shape:	S	F	M
Line width approx.:	0,4 mm	0,6 mm	1,0 mm
Write-out length approx.:	2000 m	1700 m	1300 m
Logistical-data:			
Article-No.	Colour	Product barcode	Packing barcode
319 S-9	black	40 07817 319017	40 07817 319406
319 F-2	red	40 07817 319062	40 07817 319482
319 F-9	black	40 07817 319079	40 07817 319499
319 M-9	schwarz	40 07817 319024	40 07817 319413
Smallest packaging unit:			
Contents:	10 pieces		
Weight:	90 g		
Dimension, l, w, h:	145; 67; 28 mm		