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TECHSPEC® Hard Coated OD 4.0 25nm Bandpass Filters



- Ideal for Life Science Instrumentation
- High Transmission, Deep Blocking
- Used to Prevent Photobleaching in Microscopy Applications
- Hard Coated OD 4.0 [5nm](#), [10nm](#) and [50nm](#) Bandpass Filters also Available

Common Specifications

Physical & Mechanical Properties

Construction: Mounted in Black Anodized Ring	Physical Durability: Adhesion per MIL-PRF-13830B, Section C.4.5.12 Moderate abrasion per MIL-PRF-13830B, Section C.4.5.11 Cleaning per MIL-C-48497A Section 4.5.4.2
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Optical Properties

Angle of Incidence (°): 0	Bandwidth (nm): 20
Optical Density OD (Average): ≥ 4.0	Full Width-Half Max FWHM Tolerance (nm): ± 3
Coating: Hard Coated	Surface Quality: 80-50

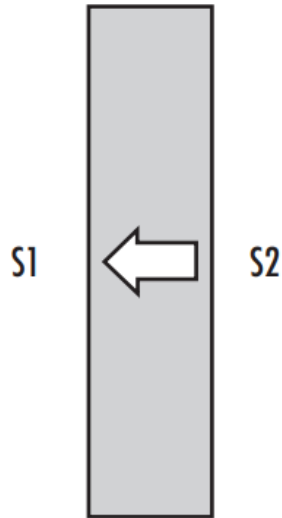
Threading & Mounting

Mount Thickness (mm): 5.0 $\pm$ 0.1
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Environmental & Durability Factors

Environmental Durability: Humidity per MIL-STD-810H, Section 507.6 Temperature per MIL-STD-810H, Section 501.7 and 502.7
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Technical Information



All mounted TECHSPEC® Optical Filters have an arrow on the side of the mount that points to the filter-coated surface for quick reference. Filter oriented such that arrow points to filter coated surface S1. Anti-reflective (AR) coating is applied to S2.

Products

Dia. (mm)	CWL (nm)	FWHM (nm)	Minimum Transmission (%)	Blocking Wavelength Range (nm)	Substrate Thickness (mm)	Stock Number	Price	Buy
12.50	300.00	25.00	≥70	200 - 650	3.0	#12-074	€177,00 Qty 6+ €140,00	3-4 days
25.00	300.00	25.00	≥70	200 - 650	3.0	#12-078	€255,00 Qty 6+ €200,00	3-4 days
50.00	300.00	25.00	≥70	200 - 650	3.0	#12-084	€570,00 Qty 6+ €450,00	3-4 days
12.50	325.00	25.00	≥80	200 - 1200	3.0	#12-075	€177,00 Qty 6+ €140,00	3-4 days
25.00	325.00	25.00	≥80	200 - 1200	3.0	#12-079	€255,00 Qty 6+ €200,00	3-4 days
50.00	325.00	25.00	≥80	200 - 1200	3.0	#12-085	€570,00 Qty 6+ €450,00	3-4 days
12.50	350.00	25.00	≥90	200 - 1200	3.5	#12-076	€177,00 Qty 6+ €140,00	3-4 days
25.00	350.00	25.00	≥90	200 - 1200	3.5	#12-080	€255,00 Qty 6+ €200,00	3-4 days
50.00	350.00	25.00	≥90	200 - 1200	3.5	#12-086	€570,00 Qty 6+ €450,00	Contact Us
12.50	375.00	25.00	≥90	200 - 1200	3.5	#12-077	€177,00 Qty 6+ €140,00	3-4 days
25.00	375.00	25.00	≥90	200 - 1200	3.5	#12-083	€255,00 Qty 6+ €200,00	3-4 days
50.00	375.00	25.00	≥90	200 - 1200	3.5	#12-087	€570,00 Qty 6+ €450,00	3-4 days
12.50	400.00	25.00	≥90	200 - 1200	3.5 ±0.5	#86-640	€164,00 Qty 6+ €129,00	3-4 days
25.00	400.00	25.00	≥90	200 - 1200	3.5 ±0.5	#86-652	€246,00 Qty 6+ €193,00	3-4 days
50.00	400.00	25.00	≥90	200 - 1200	3.5 ±0.5	#86-664	€584,00 Qty 6+ €461,00	3-4 days
12.50	425.00	25.00	>90	200 - 1200	3.5 ±0.5	#87-775	€164,00 Qty 6+ €129,00	3-4 days
25.00	425.00	25.00	>90	200 - 1200	3.5 ±0.5	#87-787	€246,00 Qty 6+ €193,00	3-4 days

50.00	425.00	25.00	>90	200 - 1200	3.5 ±0.5	#87-799	€584,00 Qty 6+ €461,00	3-4 days
12.50	450.00	25.00	≥90	200 - 1200	3.5 ±0.5	#86-641	€164,00 Qty 6+ €129,00	In Stock
25.00	450.00	25.00	≥90	200 - 1200	3.5 ±0.5	#86-653	€246,00 Qty 6+ €193,00	In Stock
50.00	450.00	25.00	≥90	200 - 1200	3.5 ±0.5	#86-665	€584,00 Qty 6+ €461,00	In Stock
12.50	475.00	25.00	>90	200 - 1200	3.5 ±0.5	#87-776	€164,00 Qty 6+ €129,00	3-4 days
25.00	475.00	25.00	>90	200 - 1200	3.5 ±0.5	#87-788	€246,00 Qty 6+ €193,00	In Stock
50.00	475.00	25.00	>90	200 - 1200	3.5 ±0.5	#87-800	€584,00 Qty 6+ €461,00	In Stock
12.50	500.00	25.00	≥90	200 - 1200	3.5 ±0.5	#86-642	€164,00 Qty 6+ €129,00	3-4 days
25.00	500.00	25.00	≥90	200 - 1200	3.5 ±0.5	#86-654	€246,00 Qty 6+ €193,00	3-4 days
50.00	500.00	25.00	≥90	200 - 1200	3.5 ±0.5	#86-666	€584,00 Qty 6+ €461,00	3-4 days
12.50	525.00	25.00	>90	200 - 1200	3.5 ±0.5	#87-777	€164,00 Qty 6+ €129,00	In Stock
25.00	525.00	25.00	>90	200 - 1200	3.5 ±0.5	#87-789	€246,00 Qty 6+ €193,00	In Stock
50.00	525.00	25.00	>90	200 - 1200	3.5 ±0.5	#87-801	€584,00 Qty 6+ €461,00	3-4 days
12.50	550.00	25.00	≥90	200 - 1200	3.5 ±0.5	#86-643	€164,00 Qty 6+ €129,00	3-4 days
25.00	550.00	25.00	≥90	200 - 1200	3.5 ±0.5	#86-655	€246,00 Qty 6+ €193,00	3-4 days
50.00	550.00	25.00	≥90	200 - 1200	3.5 ±0.5	#86-667	€584,00 Qty 6+ €461,00	3-4 days
12.50	575.00	25.00	>90	200 - 1200	3.5 ±0.5	#87-778	€164,00 Qty 6+ €129,00	3-4 days
25.00	575.00	25.00	>90	200 - 1200	3.5 ±0.5	#87-790	€246,00 Qty 6+ €193,00	3-4 days
50.00	575.00	25.00	>90	200 - 1200	3.5 ±0.5	#87-802	€584,00 Qty 6+ €461,00	3-4 days
12.50	600.00	25.00	≥90	200 - 1200	3.5 ±0.5	#86-644	€164,00 Qty 6+ €129,00	3-4 days
25.00	600.00	25.00	≥90	200 - 1200	3.5 ±0.5	#86-656	€246,00 Qty 6+ €193,00	3-4 days

50.00	600.00	25.00	≥90	200 - 1200	3.5 ±0.5	#86-668	€584,00 Qty 6+ €461,00	3-4 days
12.50	625.00	25.00	>90	200 - 1200	3.5 ±0.5	#87-779	€164,00 Qty 6+ €129,00	In Stock
25.00	625.00	25.00	>90	200 - 1200	3.5 ±0.5	#87-791	€246,00 Qty 6+ €193,00	In Stock
50.00	625.00	25.00	>90	200 - 1200	3.5 ±0.5	#87-803	€584,00 Qty 6+ €461,00	3-4 days
12.50	650.00	25.00	≥90	200 - 1200	3.5 ±0.5	#86-645	€164,00 Qty 6+ €129,00	3-4 days
25.00	650.00	25.00	≥90	200 - 1200	3.5 ±0.5	#86-657	€246,00 Qty 6+ €193,00	3-4 days
50.00	650.00	25.00	≥90	200 - 1200	3.5 ±0.5	#86-669	€584,00 Qty 6+ €461,00	3-4 days
12.50	675.00	25.00	>90	200 - 1200	3.5 ±0.5	#87-780	€164,00 Qty 6+ €129,00	3-4 days
25.00	675.00	25.00	>90	200 - 1200	3.5 ±0.5	#87-792	€246,00 Qty 6+ €193,00	3-4 days
50.00	675.00	25.00	>90	200 - 1200	3.5 ±0.5	#87-804	€584,00 Qty 6+ €461,00	3-4 days
12.50	700.00	25.00	≥90	200 - 1200	3.5 ±0.5	#86-646	€164,00 Qty 6+ €129,00	3-4 days
25.00	700.00	25.00	≥90	200 - 1200	3.5 ±0.5	#86-658	€246,00 Qty 6+ €193,00	In Stock
50.00	700.00	25.00	≥90	200 - 1200	3.5 ±0.5	#86-670	€584,00 Qty 6+ €461,00	3-4 days
12.50	725.00	25.00	>90	200 - 1200	3.5 ±0.5	#87-781	€181,00 Qty 6+ €144,00	3-4 days
25.00	725.00	25.00	>90	200 - 1200	3.5 ±0.5	#87-793	€261,00 Qty 6+ €205,00	3-4 days
50.00	725.00	25.00	>90	200 - 1200	3.5 ±0.5	#87-805	€610,00 Qty 6+ €482,00	3-4 days
12.50	750.00	25.00	≥90	200 - 1200	3.5 ±0.5	#86-647	€181,00 Qty 6+ €144,00	3-4 days
25.00	750.00	25.00	≥90	200 - 1200	3.5 ±0.5	#86-659	€261,00 Qty 6+ €205,00	3-4 days
50.00	750.00	25.00	≥90	200 - 1200	3.5 ±0.5	#86-671	€610,00 Qty 6+ €482,00	3-4 days

12.50	775.00	25.00	>90	200 - 1200	3.5 ±0.5	#87-782	€181,00 Qty 6+ €144,00	3-4 days
25.00	775.00	25.00	>90	200 - 1200	3.5 ±0.5	#87-794	€261,00 Qty 6+ €205,00	3-4 days
50.00	775.00	25.00	>90	200 - 1200	3.5 ±0.5	#87-806	€610,00 Qty 6+ €482,00	3-4 days
12.50	800.00	25.00	≥90	200 - 1200	3.5 ±0.5	#86-648	€181,00 Qty 6+ €144,00	3-4 days
25.00	800.00	25.00	≥90	200 - 1200	3.5 ±0.5	#86-660	€261,00 Qty 6+ €205,00	3-4 days
50.00	800.00	25.00	≥90	200 - 1200	3.5 ±0.5	#86-672	€610,00 Qty 6+ €482,00	3-4 days
12.50	825.00	25.00	>90	200 - 1200	3.5 ±0.5	#87-783	€181,00 Qty 6+ €144,00	3-4 days
25.00	825.00	25.00	>90	200 - 1200	3.5 ±0.5	#87-795	€261,00 Qty 6+ €205,00	Contact Us
50.00	825.00	25.00	>90	200 - 1200	3.5 ±0.5	#87-807	€610,00 Qty 6+ €482,00	3-4 days
12.50	850.00	25.00	≥90	200 - 1200	3.5 ±0.5	#86-649	€181,00 Qty 6+ €144,00	In Stock
25.00	850.00	25.00	≥90	200 - 1200	3.5 ±0.5	#86-661	€261,00 Qty 6+ €205,00	In Stock
50.00	850.00	25.00	≥90	200 - 1200	3.5 ±0.5	#86-673	€610,00 Qty 6+ €482,00	3-4 days
12.50	875.00	25.00	>90	200 - 1200	3.5 ±0.5	#87-784	€181,00 Qty 6+ €144,00	3-4 days
25.00	875.00	25.00	>90	200 - 1200	3.5 ±0.5	#87-796	€261,00 Qty 6+ €205,00	3-4 days
50.00	875.00	25.00	>90	200 - 1200	3.5 ±0.5	#87-808	€610,00 Qty 6+ €482,00	3-4 days
12.50	900.00	25.00	≥90	200 - 1200	3.5 ±0.5	#86-650	€181,00 Qty 6+ €144,00	3-4 days
25.00	900.00	25.00	≥90	200 - 1200	3.5 ±0.5	#86-662	€261,00 Qty 6+ €205,00	In Stock
50.00	900.00	25.00	≥90	200 - 1200	3.5 ±0.5	#86-674	€610,00 Qty 6+ €482,00	3-4 days
12.50	925.00	25.00	>90	200 - 1200	3.5 ±0.5	#87-785	€181,00 Qty 6+ €144,00	3-4 days
25.00	925.00	25.00	>90	200 - 1200	3.5 ±0.5	#87-797	€261,00 Qty 6+ €205,00	3-4 days

50.00	925.00	25.00	>90	200 - 1200	3.5 ±0.5	#87-809	€610,00 Qty 6+ €482,00	In Stock
12.50	950.00	25.00	≥90	200 - 1200	3.5 ±0.5	#86-651	€181,00 Qty 6+ €144,00	3-4 days
25.00	950.00	25.00	≥90	200 - 1200	3.5 ±0.5	#86-663	€261,00 Qty 6+ €205,00	3-4 days
50.00	950.00	25.00	≥90	200 - 1200	3.5 ±0.5	#86-675	€610,00 Qty 6+ €482,00	3-4 days
12.50	975.00	25.00	>90	200 - 1200	3.5 ±0.5	#87-786	€181,00 Qty 6+ €144,00	3-4 days
25.00	975.00	25.00	>90	200 - 1200	3.5 ±0.5	#87-798	€261,00 Qty 6+ €205,00	3-4 days
50.00	975.00	25.00	>90	200 - 1200	3.5 ±0.5	#87-810	€610,00 Qty 6+ €482,00	3-4 days
12.50	1,000.00	25.00	>90	200 - 1500	3.5 ±0.5	#87-811	€213,00 Qty 6+ €190,00	In Stock
25.00	1,000.00	25.00	>90	200 - 1500	3.5 ±0.5	#87-823	€320,00 Qty 6+ €287,00	3-4 days
50.00	1,000.00	25.00	>90	200 - 1500	3.5 ±0.5	#87-835	€759,00 Qty 6+ €666,00	3-4 days
12.50	1,025.00	25.00	≥90	200 - 1500	3.5	#12-032	€213,00 Qty 6+ €190,00	3-4 days
25.00	1,025.00	25.00	≥90	200 - 1500	3.5	#12-046	€320,00 Qty 6+ €287,00	3-4 days
50.00	1,025.00	25.00	≥90	200 - 1500	3.5	#12-060	€759,00 Qty 6+ €666,00	3-4 days
12.50	1,050.00	25.00	>90	200 - 1500	3.5 ±0.5	#87-812	€213,00 Qty 6+ €190,00	3-4 days
25.00	1,050.00	25.00	>90	200 - 1500	3.5 ±0.5	#87-824	€320,00 Qty 6+ €287,00	3-4 days
50.00	1,050.00	25.00	>90	200 - 1500	3.5 ±0.5	#87-836	€759,00 Qty 6+ €666,00	3-4 days
12.50	1,075.00	25.00	≥90	200 - 1500	3.5	#12-034	€213,00 Qty 6+ €190,00	3-4 days
25.00	1,075.00	25.00	≥90	200 - 1500	3.5	#12-047	€320,00 Qty 6+ €287,00	3-4 days
50.00	1,075.00	25.00	≥90	200 - 1500	3.5	#12-061	€759,00 Qty 6+ €666,00	Contact Us
12.50	1,100.00	25.00	>90	200 - 1500	3.5 ±0.5	#87-813	€213,00 Qty 6+ €190,00	3-4 days

25.00	1,100.00	25.00	>90	200 - 1500	3.5 ±0.5	#87-825	€320,00 Qty 6+ €287,00	3-4 days
50.00	1,100.00	25.00	>90	200 - 1500	3.5 ±0.5	#87-837	€759,00 Qty 6+ €666,00	3-4 days
12.50	1,125.00	25.00	≥90	200 - 1500	3.5	#12-035	€213,00 Qty 6+ €190,00	3-4 days
25.00	1,125.00	25.00	≥90	200 - 1500	3.5	#12-048	€320,00 Qty 6+ €287,00	3-4 days
50.00	1,125.00	25.00	≥90	200 - 1500	3.5	#12-062	€759,00 Qty 6+ €666,00	3-4 days
12.50	1,150.00	25.00	>90	200 - 1500	3.5 ±0.5	#87-814	€213,00 Qty 6+ €190,00	3-4 days
25.00	1,150.00	25.00	>90	200 - 1500	3.5 ±0.5	#87-826	€320,00 Qty 6+ €287,00	3-4 days
50.00	1,150.00	25.00	>90	200 - 1500	3.5 ±0.5	#87-838	€759,00 Qty 6+ €666,00	3-4 days
12.50	1,175.00	25.00	≥90	200 - 1500	3.5	#12-036	€213,00 Qty 6+ €190,00	3-4 days
25.00	1,175.00	25.00	≥90	200 - 1500	3.5	#12-049	€320,00 Qty 6+ €287,00	3-4 days
50.00	1,175.00	25.00	≥90	200 - 1500	3.5	#12-063	€759,00 Qty 6+ €666,00	3-4 days
12.50	1,200.00	25.00	>90	200 - 1500	3.5 ±0.5	#87-815	€213,00 Qty 6+ €190,00	3-4 days
25.00	1,200.00	25.00	>90	200 - 1500	3.5 ±0.5	#87-827	€320,00 Qty 6+ €287,00	3-4 days
50.00	1,200.00	25.00	>90	200 - 1500	3.5 ±0.5	#87-839	€759,00 Qty 6+ €666,00	3-4 days
12.50	1,225.00	25.00	≥90	200 - 1500	3.5	#12-037	€213,00 Qty 6+ €190,00	3-4 days
25.00	1,225.00	25.00	≥90	200 - 1500	3.5	#12-050	€320,00 Qty 6+ €287,00	3-4 days
50.00	1,225.00	25.00	≥90	200 - 1500	3.5	#12-064	€759,00 Qty 6+ €666,00	3-4 days
12.50	1,250.00	25.00	>90	200 - 1800	3.5 ±0.5	#87-816	€213,00 Qty 6+ €190,00	3-4 days
25.00	1,250.00	25.00	>90	200 - 1800	3.5 ±0.5	#87-828	€320,00 Qty 6+ €287,00	3-4 days
50.00	1,250.00	25.00	>90	200 - 1800	3.5 ±0.5	#87-840	€759,00 Qty 6+ €666,00	3-4 days

12.50	1,275.00	25.00	≥90	200 - 1800	3.5	#12-038	€213,00 Qty 6+ €190,00	3-4 days
25.00	1,275.00	25.00	≥90	200 - 1800	3.5	#12-053	€320,00 Qty 6+ €287,00	3-4 days
50.00	1,275.00	25.00	≥90	200 - 1800	3.5	#12-065	€759,00 Qty 6+ €666,00	3-4 days
12.50	1,300.00	25.00	>90	200 - 1800	3.5 ±0.5	#87-817	€213,00 Qty 6+ €190,00	3-4 days
25.00	1,300.00	25.00	>90	200 - 1800	3.5 ±0.5	#87-829	€320,00 Qty 6+ €287,00	3-4 days
50.00	1,300.00	25.00	>90	200 - 1800	3.5 ±0.5	#87-841	€759,00 Qty 6+ €666,00	3-4 days
12.50	1,325.00	25.00	≥90	200 - 1800	3.5	#12-039	€213,00 Qty 6+ €190,00	3-4 days
25.00	1,325.00	25.00	≥90	200 - 1800	3.5	#12-054	€320,00 Qty 6+ €287,00	3-4 days
50.00	1,325.00	25.00	≥90	200 - 1800	3.5	#12-066	€759,00 Qty 6+ €666,00	3-4 days
12.50	1,350.00	25.00	>90	200 - 1800	3.5 ±0.5	#87-818	€213,00 Qty 6+ €190,00	3-4 days
25.00	1,350.00	25.00	>90	200 - 1800	3.5 ±0.5	#87-830	€320,00 Qty 6+ €287,00	3-4 days
50.00	1,350.00	25.00	>90	200 - 1800	3.5 ±0.5	#87-842	€759,00 Qty 6+ €666,00	3-4 days
12.50	1,375.00	25.00	≥90	200 - 1800	3.5	#12-040	€213,00 Qty 6+ €190,00	3-4 days
25.00	1,375.00	25.00	≥90	200 - 1800	3.5	#12-055	€320,00 Qty 6+ €287,00	In Stock
50.00	1,375.00	25.00	≥90	200 - 1800	3.5	#12-067	€759,00 Qty 6+ €666,00	3-4 days
12.50	1,400.00	25.00	>90	200 - 1800	3.5 ±0.5	#87-819	€213,00 Qty 6+ €190,00	In Stock
25.00	1,400.00	25.00	>90	200 - 1800	3.5 ±0.5	#87-831	€320,00 Qty 6+ €287,00	3-4 days
50.00	1,400.00	25.00	>90	200 - 1800	3.5 ±0.5	#87-843	€759,00 Qty 6+ €666,00	3-4 days
12.50	1,425.00	25.00	≥90	200 - 1800	3.5	#12-041	€213,00 Qty 6+ €190,00	3-4 days
25.00	1,425.00	25.00	≥90	200 - 1800	3.5	#12-056	€320,00 Qty 6+ €287,00	3-4 days
50.00	1,425.00	25.00	≥90	200 - 1800	3.5	#12-068	€759,00 Qty 6+ €666,00	3-4 days

12.50	1,450.00	25.00	>90	200 - 1800	3.5 ±0.5	#87-820	€213,00 Qty 6+ €190,00	3-4 days
25.00	1,450.00	25.00	>90	200 - 1800	3.5 ±0.5	#87-832	€320,00 Qty 6+ €287,00	3-4 days
50.00	1,450.00	25.00	>90	200 - 1800	3.5 ±0.5	#87-844	€759,00 Qty 6+ €666,00	3-4 days
12.50	1,475.00	25.00	≥90	200 - 1800	3.5	#12-042	€213,00 Qty 6+ €190,00	3-4 days
25.00	1,475.00	25.00	≥90	200 - 1800	3.5	#12-057	€320,00 Qty 6+ €287,00	In Stock
50.00	1,475.00	25.00	≥90	200 - 1800	3.5	#12-069	€759,00 Qty 6+ €666,00	3-4 days
12.50	1,500.00	25.00	>90	200 - 1800	3.5 ±0.5	#87-821	€213,00 Qty 6+ €190,00	3-4 days
25.00	1,500.00	25.00	>90	200 - 1800	3.5 ±0.5	#87-833	€320,00 Qty 6+ €287,00	3-4 days
50.00	1,500.00	25.00	>90	200 - 1800	3.5 ±0.5	#87-845	€759,00 Qty 6+ €666,00	3-4 days
12.50	1,525.00	25.00	≥90	200 - 1800	3.5	#12-044	€213,00 Qty 6+ €190,00	3-4 days
25.00	1,525.00	25.00	≥90	200 - 1800	3.5	#12-058	€320,00 Qty 6+ €287,00	3-4 days
50.00	1,525.00	25.00	≥90	200 - 1800	3.5	#12-070	€759,00 Qty 6+ €666,00	3-4 days
12.50	1,550.00	25.00	>90	200 - 1800	3.5 ±0.5	#87-822	€213,00 Qty 6+ €190,00	3-4 days
25.00	1,550.00	25.00	>90	200 - 1800	3.5 ±0.5	#87-834	€320,00 Qty 6+ €287,00	3-4 days
50.00	1,550.00	25.00	>90	200 - 1800	3.5 ±0.5	#87-846	€759,00 Qty 6+ €666,00	3-4 days
12.50	1,575.00	25.00	≥90	200 - 1800	3.5	#12-045	€213,00 Qty 6+ €190,00	3-4 days
25.00	1,575.00	25.00	≥90	200 - 1800	3.5	#12-059	€320,00 Qty 6+ €287,00	3-4 days
50.00	1,575.00	25.00	≥90	200 - 1800	3.5	#12-073	€759,00 Qty 6+ €666,00	3-4 days

