



基板材質	UVフューズドシリカ
面精度	/λ (@633 nm、コーティング前において)
表面品位	40-20、MIL-PRF-13830Bによる
寸法公差	+ 0.00 mm、 0.25 mm
厚みの公差	± 0.25 mm
面取り	0.35 mm、 45° 標準
同心円度	≤ 0.05 mm
焦点距離の公差	± 3% (@633 nm)
減反射コーティング	ユーザーにより指定、R <sub>avg</sub> ≤ 0.5%/1面
有効径	直径中心の85%以上
損傷しきい値	10 J/cm <sup>2</sup> 、 20 ns、 20Hz(パルス @1064 nm) 1 MW/cm <sup>2</sup> (CW@1064 nm)

汎用の結像系および低出力レーザー向けの用途に適したフューズドシリカ製単レンズ

CVIメレスグリオの全ての低損失、高エネルギー用ARコーティングを施す事が可能

レンズマウントもご用意

表面品位10-5、CVIレーザークオリティのPLCX-UVシリーズもご用意

ご注文方法

PXF-38.1-69.0-UV 248-355

レンズの製品番号

ARコーティングの波長 (nm)

248-355 355-532 1064

フューズドシリカ製平凸レンズ、CVI QuantaGlas™

標準焦点距離 f (mm)	直径 D (mm)	f@266 nm (mm)	f@355 nm (mm)	f@532 nm (mm)	f@1064 nm (mm)	曲率半径 R (mm)	Tc (mm)	Te (mm)	製品番号
8.0	5.0	8.2	8.6	8.9	9.1	4.1	2.6	1.6	PXF-5.0-4.1-UV
8.0	6.0	8.2	8.6	8.9	9.1	4.1	2.5	1.0	PXF-6.0-4.1-UV
9.0	5.0	9.2	9.7	10.0	10.2	4.6	2.2	1.4	PXF-5.0-4.6-UV
10.0	5.0	10.4	10.9	11.3	11.6	5.2	2.1	1.4	PXF-5.0-5.2-UV
10.0	8.0	10.4	10.9	11.3	11.6	5.2	3.7	2.0	PXF-8.0-5.2-UV
12.0	5.0	12.4	13.0	13.5	13.8	6.2	1.9	1.3	PXF-5.0-6.2-UV
12.0	7.5	12.4	13.0	13.5	13.8	6.2	2.0	0.7	PXF-7.5-6.2-UV
12.0	8.0	12.4	13.0	13.5	13.8	6.2	3.2	1.7	PXF-8.0-6.2-UV
13.0	6.4	12.8	13.4	13.9	14.2	6.4	3.9	3.0	PXF-6.4-6.4-UV
15.0	5.0	15.4	16.2	16.7	17.1	7.7	1.7	1.2	PXF-5.0-7.7-UV
15.0	8.0	15.4	16.2	16.7	17.1	7.7	3.1	2.0	PXF-8.0-7.7-UV
19.0	8.0	18.6	19.5	20.2	20.7	9.3	2.9	2.0	PXF-8.0-9.3-UV
19.0	15.0	18.6	19.5	20.2	20.7	9.3	5.9	2.1	PXF-15.0-9.3-UV
21.0	5.0	20.6	21.6	22.4	22.9	10.3	2.0	1.7	PXF-5.0-10.3-UV
21.0	12.7	20.6	21.6	22.4	22.9	10.3	3.5	1.3	PXF-12.7-10.3-UV
21.0	15.0	20.6	21.6	22.4	22.9	10.3	5.9	2.7	PXF-15.0-10.3-UV
23.0	10.0	23.0	24.2	25.0	25.6	11.5	3.2	2.0	PXF-10.0-11.5-UV
26.0	5.0	25.8	27.1	28.0	28.7	12.9	2.0	1.8	PXF-5.0-12.9-UV
26.0	10.0	25.8	27.1	28.0	28.7	12.9	3.1	2.0	PXF-10.0-12.9-UV
26.0	12.7	25.8	27.1	28.0	28.7	12.9	3.9	2.2	PXF-12.7-12.9-UV
26.0	20.0	25.8	27.1	28.0	28.7	12.9	7.8	3.0	PXF-20.0-12.9-UV
26.0	25.4	25.8	27.1	28.0	28.7	12.9	12.7	2.1	PXF-25.4-12.9-UV
31.0	5.0	31.0	32.6	33.6	34.5	15.5	2.0	1.8	PXF-5.0-15.5-UV
31.0	15.0	31.0	32.6	33.6	34.5	15.5	4.2	2.3	PXF-15.0-15.5-UV
31.0	25.4	31.0	32.6	33.6	34.5	15.5	10.0	3.4	PXF-25.4-15.5-UV

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フューズドシリカ製平凸レンズ、CVI QuantaGlas™

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36.0	25.4	36.0	37.8	39.1	40.0	18.0	7.2	2.0	PXF-25.4-18.0-UV
39.0	25.4	39.2	41.2	42.5	43.6	19.6	7.2	2.5	PXF-25.4-19.6-UV
41.0	10.0	41.0	43.1	44.5	45.6	20.5	2.7	2.0	PXF-10.0-20.5-UV
41.0	15.0	41.0	43.1	44.5	45.6	20.5	3.6	2.0	PXF-15.0-20.5-UV
41.0	25.4	41.0	43.1	44.5	45.6	20.5	5.3	0.9	PXF-25.4-20.5-UV
52.0	10.0	51.6	54.2	56.0	57.4	25.8	2.6	2.0	PXF-10.0-25.8-UV
52.0	12.7	51.6	54.2	56.0	57.4	25.8	2.9	2.0	PXF-12.7-25.8-UV
52.0	15.0	51.6	54.2	56.0	57.4	25.8	5.3	4.2	PXF-15.0-25.8-UV
52.0	25.4	51.6	54.2	56.0	57.4	25.8	5.3	2.0	PXF-25.4-25.8-UV
52.0	38.1	51.6	54.2	56.0	57.4	25.8	10.5	2.2	PXF-38.1-25.8-UV
52.0	40.0	51.6	54.2	56.0	57.4	25.8	13.7	4.2	PXF-40.0-25.8-UV
62.0	8.0	61.8	64.9	67.1	68.7	30.9	2.1	1.8	PXF-8.0-30.9-UV
62.0	10.0	61.8	64.9	67.1	68.7	30.9	2.5	2.0	PXF-10.0-30.9-UV
62.0	15.0	61.8	64.9	67.1	68.7	30.9	3.5	2.5	PXF-15.0-30.9-UV
62.0	25.4	61.8	64.9	67.1	68.7	30.9	4.2	1.5	PXF-25.4-30.9-UV
62.0	38.1	61.8	64.9	67.1	68.7	30.9	8.0	1.4	PXF-38.1-30.9-UV
62.0	40.0	61.8	64.9	67.1	68.7	30.9	10.6	3.3	PXF-40.0-30.9-UV
66.0	12.7	66.2	69.5	71.8	73.6	33.1	3.0	2.4	PXF-12.7-33.1-UV
66.0	25.4	66.2	69.5	71.8	73.6	33.1	5.0	2.5	PXF-25.4-33.1-UV
72.0	10.0	72.2	75.8	78.4	80.3	36.1	2.4	2.0	PXF-10.0-36.1-UV
72.0	15.0	72.2	75.8	78.4	80.3	36.1	3.5	2.7	PXF-15.0-36.1-UV
72.0	25.4	72.2	75.8	78.4	80.3	36.1	4.3	2.0	PXF-25.4-36.1-UV
72.0	40.0	72.2	75.8	78.4	80.3	36.1	8.0	2.0	PXF-40.0-36.1-UV
72.0	50.8	72.2	75.8	78.4	80.3	36.1	14.9	4.5	PXF-50.8-36.1-UV
77.0	12.7	77.2	81.1	83.8	85.8	38.6	3.0	2.5	PXF-12.7-38.6-UV
77.0	15.0	77.2	81.1	83.8	85.8	38.6	3.5	2.8	PXF-15.0-38.6-UV
77.0	25.4	77.2	81.1	83.8	85.8	38.6	3.6	1.5	PXF-25.4-38.6-UV
81.0	10.0	81.5	85.5	88.3	90.5	40.7	2.3	2.0	PXF-10.0-40.7-UV
81.0	15.0	81.5	85.5	88.3	90.5	40.7	3.5	2.8	PXF-15.0-40.7-UV
81.0	25.4	81.5	85.5	88.3	90.5	40.7	4.2	2.2	PXF-25.4-40.7-UV
81.0	50.8	81.5	85.5	88.3	90.5	40.7	12.8	3.9	PXF-50.8-40.7-UV
81.0	12.7	81.5	85.5	88.3	90.5	40.7	3.0	2.5	PXF-12.7-40.7-UV
93.0	25.4	92.7	97.2	100.5	103.0	46.3	5.0	3.2	PXF-25.4-46.3-UV
93.0	40.0	92.7	97.2	100.5	103.0	46.3	8.3	3.8	PXF-40.0-46.3-UV
93.0	50.8	92.7	97.2	100.5	103.0	46.3	8.3	0.7	PXF-50.8-46.3-UV
103.0	10.0	103.1	108.2	111.8	114.5	51.5	2.5	2.3	PXF-10.0-51.5-UV
103.0	12.7	103.1	108.2	111.8	114.5	51.5	3.0	2.6	PXF-12.7-51.5-UV
103.0	15.0	103.1	108.2	111.8	114.5	51.5	2.5	2.0	PXF-15.0-51.5-UV
103.0	25.4	103.1	108.2	111.8	114.5	51.5	4.0	2.4	PXF-25.4-51.5-UV
103.0	38.1	103.1	108.2	111.8	114.5	51.5	5.8	2.1	PXF-38.1-51.5-UV
103.0	40.0	103.1	108.2	111.8	114.5	51.5	6.1	2.2	PXF-40.0-51.5-UV
103.0	50.8	103.1	108.2	111.8	114.5	51.5	10.0	3.3	PXF-50.8-51.5-UV
129.0	15.0	128.9	135.3	139.8	143.2	64.4	3.5	3.1	PXF-15.0-64.4-UV
129.0	25.4	128.9	135.3	139.8	143.2	64.4	4.0	2.7	PXF-25.4-64.4-UV
129.0	38.1	128.9	135.3	139.8	143.2	64.4	5.0	2.1	PXF-38.1-64.4-UV

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129.0	12.7	128.9	135.3	139.8	143.2	64.4	3.5	3.2	PXF-12.7-64.4-UV
129.0	50.8	128.9	135.3	139.8	143.2	64.4	7.3	2.1	PXF-50.8-64.4-UV
138.0	38.1	138.1	144.9	149.8	153.5	69.0	5.1	2.5	PXF-38.1-69.0-UV
155.0	15.0	154.7	162.4	167.8	171.9	77.3	3.5	3.1	PXF-15.0-77.3-UV
155.0	25.4	154.7	162.4	167.8	171.9	77.3	4.0	2.9	PXF-25.4-77.3-UV
155.0	12.7	154.7	162.4	167.8	171.9	77.3	3.5	3.2	PXF-12.7-77.3-UV
155.0	38.1	154.7	162.4	167.8	171.9	77.3	5.2	2.8	PXF-38.1-77.3-UV
155.0	50.8	154.7	162.4	167.8	171.9	77.3	7.0	2.7	PXF-50.8-77.3-UV
182.0	25.4	181.7	190.7	197.1	201.9	90.8	4.0	3.1	PXF-25.4-90.8-UV
182.0	50.8	181.7	190.7	197.1	201.9	90.8	7.0	3.4	PXF-50.8-90.8-UV
207.0	25.4	206.9	217.2	224.4	230.0	103.4	4.0	3.2	PXF-25.4-103.4-UV
207.0	38.1	206.9	217.2	224.4	230.0	103.4	5.1	3.3	PXF-38.1-103.4-UV
207.0	50.8	206.9	217.2	224.4	230.0	103.4	6.4	3.2	PXF-50.8-103.4-UV
260.0	25.4	260.2	273.0	282.2	289.1	130.0	4.0	3.4	PXF-25.4-130.0-UV
260.0	38.1	260.2	273.0	282.2	289.1	130.0	6.0	4.6	PXF-38.1-130.0-UV
268.0	25.4	268.4	281.7	291.1	298.2	134.1	4.0	3.4	PXF-25.4-134.1-UV
309.0	25.4	309.2	324.5	335.4	343.6	154.5	4.0	3.5	PXF-25.4-154.5-UV
309.0	50.8	309.2	324.5	335.4	343.6	154.5	7.0	4.9	PXF-50.8-154.5-UV
362.0	25.4	362.0	379.9	392.7	402.3	180.9	4.0	3.6	PXF-25.4-180.9-UV
362.0	50.8	362.0	379.9	392.7	402.3	180.9	6.4	4.6	PXF-50.8-180.9-UV
412.0	25.4	412.3	432.7	447.1	458.2	206.0	4.0	3.6	PXF-25.4-206.0-UV
412.0	50.8	412.3	432.7	447.1	458.2	206.0	7.0	5.4	PXF-50.8-206.0-UV
517.0	25.4	517.1	542.7	560.9	574.7	258.4	4.0	3.7	PXF-25.4-258.4-UV
517.0	50.8	517.1	542.7	560.9	574.7	258.4	6.4	5.1	PXF-50.8-258.4-UV
624.0	25.4	624.4	655.3	677.2	693.9	312.0	4.0	3.7	PXF-25.4-312.0-UV
624.0	50.8	624.4	655.3	677.2	693.9	312.0	7.0	5.9	PXF-50.8-312.0-UV
727.0	25.4	727.3	763.3	788.8	808.2	363.4	4.0	3.8	PXF-25.4-363.4-UV
727.0	50.8	727.3	763.3	788.8	808.2	363.4	7.0	6.1	PXF-50.8-363.4-UV
836.0	25.4	835.9	877.3	906.6	929.0	417.7	4.0	3.8	PXF-25.4-417.7-UV
836.0	50.8	835.9	877.3	906.6	929.0	417.7	7.0	6.2	PXF-50.8-417.7-UV
935.0	25.4	935.0	981.3	1014.1	1039.1	467.2	4.0	3.8	PXF-25.4-467.2-UV
935.0	50.8	935.0	981.3	1014.1	1039.1	467.2	7.0	6.3	PXF-50.8-467.2-UV
1034.0	25.4	1034.3	1085.4	1121.7	1149.4	516.8	4.0	3.8	PXF-25.4-516.8-UV
1034.0	38.1	1034.3	1085.4	1121.7	1149.4	516.8	6.0	5.6	PXF-38.1-516.8-UV
1034.0	50.8	1034.3	1085.4	1121.7	1149.4	516.8	6.4	5.8	PXF-50.8-516.8-UV
1560.0	25.4	1560.0	1637.2	1692.0	1733.6	779.5	5.0	4.9	PXF-25.4-779.5-UV
1560.0	50.8	1560.0	1637.2	1692.0	1733.6	779.5	6.3	5.9	PXF-50.8-779.5-UV
2061.0	25.4	2061.3	2163.3	2235.7	2290.8	1030.0	4.0	3.9	PXF-25.4-1030.0-UV
2061.0	50.8	2061.3	2163.3	2235.7	2290.8	1030.0	6.4	6.1	PXF-50.8-1030.0-UV
2603.0	25.4	2602.7	2731.5	2822.8	2892.4	1300.5	4.0	3.9	PXF-25.4-1300.5-UV
2603.0	50.8	2602.7	2731.5	2822.8	2892.4	1300.5	7.0	6.7	PXF-50.8-1300.5-UV
2682.0	50.8	2681.7	2814.4	2908.6	2980.2	1340.0	6.4	6.2	PXF-50.8-1340.0-UV
3092.0	25.4	3092.0	3245.0	3353.5	3436.2	1545.0	4.0	3.9	PXF-25.4-1545.0-UV
3092.0	50.8	3092.0	3245.0	3353.5	3436.2	1545.0	7.0	6.8	PXF-50.8-1545.0-UV
4123.0	25.4	4122.6	4326.6	4471.4	4581.5	2060.0	4.0	3.9	PXF-25.4-2060.0-UV