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ALUMINUM ELECTROLYTIC CAPACITORS

nichicon

UHW

Miniature Sized, High Ripple Current, High Reliability

Smaller | Low Impedance | Long Life | Anti-Solvent Feature

- Lower impedance at high frequency range.
- Smaller case size and high ripple current.
- Compliant to the RoHS directive (2011/65/EU,(EU)2015/863).

UHE (Smaller) → UHW → (Long Life) UHV



■Specifications

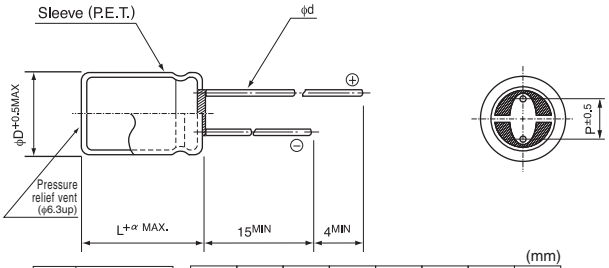
Item	Performance Characteristics										
Category Temperature Range	−40 to +105˚C										
Rated Voltage Range	6.3 to 100V										
Rated Capacitance Range	8.2 to 15000μF										
Capacitance Tolerance	±20% at 120Hz, 20˚C										
Leakage Current	After 2 minutes' application of rated voltage at 20°C, leakage current is not more than 0.01CV (μA)										
Tangent of loss angle (tan δ)	Rated voltage (V)	6.3	10	16	25	35	50	63	80	100	120Hz 20˚C
	tan δ (MAX.)	0.21	0.18	0.15	0.13	0.11	0.10	0.09	0.09	0.08	
	For capacitance of more than 1000μF, add 0.02 for every increase of 1000μF.										
Stability at Low Temperature	Rated voltage (V)	6.3	10	16	25	35	50	63	80	100	120Hz
	Impedance ratio (MAX.) Z−25˚C / Z+20˚C	2	2	2	2	2	2	2	2	2	
	Impedance ratio (MAX.) Z−40˚C / Z+20˚C, φD ≦ 6.3	5	5	4	4	4	4	3	3	3	
	Impedance ratio (MAX.) Z−40˚C / Z+20˚C, φ ≧ 8	3	3	3	3	3	3				
Endurance	The following specifications shall be met when the capacitors are restored to 20˚C after D.C. bias plus rated ripple current is applied at 105˚C , the peak voltage shall not exceed the rated voltage.										

Case size		φD ≦ 6.3	8×11.5	8×15 , 8×20	φD ≧ 10
Rated voltage (V)	6.3V	6000 hours	8000 hours	9000 hours	10000 hours
	10 to 50V	7000 hours	9000 hours	10000 hours	10000 hours
	63 to 100V	8000 hours	10000 hours	11000 hours	12000 hours

Capacitance change	Within ±25% of the initial capacitance value (6.3V 10V : ±30%)
tan δ	200% or less than the initial specified value
Leakage current	Less than or equal to the initial specified value

Marking	Printed with white color letter on black sleeve.

■Radial Lead Type



(mm)

α	(L < 20) 1.5
	(L ≧ 20) 2.0

φD	5	6.3	8	10	12.5	16	18
P	2.0	2.5	3.5	5.0	5.0	7.5	7.5
φd	0.5	0.5	0.6	0.6	0.6※	0.8	0.8

※In case L > 25 for the φ12.5 dia. unit, lead dia. φd = 0.8mm

• Please refer to page 18 about the end seal configuration.

Type numbering system (Example : 16V 2200μF)

1	2	3	4	5	6	7	8	9	10	11	12
U	H	W	1	C	2	2	2	M	H	D	

- Size code
- Configuration ※
- Capacitance tolerance (±20%)
- Rated capacitance (2200μF)
- Rated voltage (16V)
- Series name
- Type

※ Configuration

φ D	Pb-free leadwire Pb-free PET sleeve
5	DD
6.3	ED
8 · 10	PD
12.5 to 18	HD

● Frequency coefficient of rated ripple current

Cap. (μF) \ Frequency	120Hz	1kHz	10kHz	10kHz or more
8.2 to 33	0.40	0.70	0.90	1.00
39 to 180	0.40	0.75	0.90	1.00
220 to 560	0.50	0.85	0.94	1.00
680 to 1800	0.60	0.87	0.95	1.00
2200 to 3900	0.75	0.90	0.95	1.00
4700 to 15000	0.85	0.95	0.98	1.00

● Dimension table in next page.

UHW

■Dimensions

Rated Voltage (V) (code)	Rated Capacitance (μF)	Case Size φD×L(mm)	tan δ	Leakage Current (μA) (at 20℃ after 2 minutes)	Impedance(Ω) MAX.		Rated Ripple (mArms) (105℃/100kHz)	Part Number
					20℃/ 100kHz	−10℃/ 100kHz		
6.3 (0J)	220	5×11	0.21	13.86	0.47	1.50	450	UHW0J221MDD
	470	6.3×11	0.21	29.61	0.20	0.66	700	UHW0J471MED
	820	8×11.5	0.21	51.66	0.10	0.36	1200	UHW0J821MPD
	1000	8×15	0.21	63	0.054	0.17	1600	UHW0J102MPD
	1200	10×12.5	0.21	75.6	0.048	0.15	1700	UHW0J122MPD
	1500	8×20	0.21	94.5	0.038	0.12	1960	UHW0J152MPD
	1800	10×16	0.21	113.4	0.030	0.090	2000	UHW0J182MPD
	2200	10×20	0.23	138.6	0.020	0.060	2500	UHW0J222MPD
	2700	10×20	0.23	170.1	0.020	0.060	2500	UHW0J272MPD
	3300	10×25	0.25	207.9	0.017	0.051	2900	UHW0J332MPD
	3900	12.5×20	0.25	245.7	0.017	0.051	2600	UHW0J392MHD
	4700	12.5×25	0.27	296.1	0.015	0.045	3200	UHW0J472MHD
	5600	12.5×31.5	0.29	352.8	0.012	0.036	3795	UHW0J562MHD
	5600	12.5×25	0.29	352.8	0.015	0.045	3200	UHW0J562MHD6
	6800	12.5×31.5	0.31	428.4	0.012	0.033	3795	UHW0J682MHD
	6800	16×20	0.31	428.4	0.015	0.045	3575	UHW0J682MHD6
	8200	16×25	0.35	516.6	0.013	0.039	3810	UHW0J822MHD
	10000	16×25	0.39	630	0.013	0.039	3810	UHW0J103MHD
	12000	16×31.5	0.43	756	0.011	0.033	4000	UHW0J123MHD
	15000	16×35.5	0.49	945	0.010	0.030	4200	UHW0J153MHD
10 (1A)	150	5×11	0.18	15	0.47	1.50	450	UHW1A151MDD
	330	6.3×11	0.18	33	0.20	0.66	700	UHW1A331MED
	560	8×11.5	0.18	56	0.10	0.36	1200	UHW1A561MPD
	820	8×15	0.18	82	0.054	0.17	1600	UHW1A821MPD
	1000	10×12.5	0.18	100	0.048	0.15	1700	UHW1A102MPD
	1200	8×20	0.18	120	0.038	0.12	1960	UHW1A122MPD6
	1200	10×16	0.18	120	0.030	0.090	2000	UHW1A122MPD
	1500	10×16	0.18	150	0.030	0.090	2000	UHW1A152MPD
	1800	10×20	0.18	180	0.020	0.060	2500	UHW1A182MPD
	2200	10×25	0.20	220	0.017	0.051	2900	UHW1A222MPD
	2700	12.5×20	0.20	270	0.017	0.051	2600	UHW1A272MHD
	3300	12.5×20	0.22	330	0.017	0.051	2600	UHW1A332MHD
	3900	12.5×25	0.22	390	0.015	0.045	3200	UHW1A392MHD
	4700	12.5×31.5	0.24	470	0.012	0.036	3795	UHW1A472MHD
	4700	16×20	0.24	470	0.015	0.045	3575	UHW1A472MHD6
	5600	12.5×35.5	0.26	560	0.011	0.033	4120	UHW1A562MHD
	5600	16×25	0.26	560	0.013	0.039	3810	UHW1A562MHD6
	6800	16×25	0.28	680	0.013	0.039	3810	UHW1A682MHD
	8200	16×31.5	0.32	820	0.011	0.033	4000	UHW1A822MHD
	10000	16×31.5	0.36	1000	0.011	0.033	4000	UHW1A103MHD
	12000	16×35.5	0.40	1200	0.010	0.030	4200	UHW1A123MHD
16 (1C)	120	5×11	0.15	19.2	0.47	1.50	450	UHW1C121MDD
	270	6.3×11	0.15	43.2	0.20	0.66	700	UHW1C271MED
	470	8×11.5	0.15	75.2	0.10	0.36	1200	UHW1C471MPD
	560	8×15	0.15	89.6	0.054	0.17	1600	UHW1C561MPD
	680	10×12.5	0.15	108.8	0.048	0.15	1700	UHW1C681MPD

For cut leads, formed leads or taped parts, please add the appropriate code after the size code (12th digit).
If there is no size code in the part number, please add size code “1” and then add the appropriate code.

UHW

■Dimensions

Rated Voltage (V) (code)	Rated Capacitance (μF)	Case Size φD×L (mm)	tan δ	Leakage Current (μA) (at 20℃ after 2 minutes)	Impedance (Ω) MAX. 20℃/100kHz	Impedance (Ω) MAX. −10℃/100kHz	Rated Ripple (mArms) (105℃/100kHz)	Part Number
16 (1C)	820	8×20	0.15	131.2	0.038	0.12	1960	UHW1C821MPD6
	820	10×16	0.15	131.2	0.030	0.090	2000	UHW1C821MPD
	1000	8×20	0.15	160	0.038	0.12	1960	UHW1C102MPD6
	1000	10×16	0.15	160	0.030	0.090	2000	UHW1C102MPD
	1200	10×20	0.15	192	0.020	0.060	2500	UHW1C122MPD
	1200	10×16	0.15	192	0.030	0.090	2000	UHW1C122MPD6
	1500	10×20	0.15	240	0.020	0.060	2500	UHW1C152MPD
	1800	10×25	0.15	288	0.017	0.051	2900	UHW1C182MPD
	2200	12.5×20	0.17	352	0.017	0.051	2600	UHW1C222MHD
	2700	12.5×25	0.17	432	0.015	0.045	3200	UHW1C272MHD
	3300	12.5×25	0.19	528	0.015	0.045	3200	UHW1C332MHD
	3300	16×20	0.19	528	0.015	0.045	3575	UHW1C332MHD6
	3900	12.5×31.5	0.19	624	0.012	0.036	3795	UHW1C392MHD
	3900	16×20	0.19	624	0.015	0.045	3575	UHW1C392MHD6
	4700	12.5×35.5	0.21	752	0.011	0.033	4120	UHW1C472MHD
	4700	16×25	0.21	752	0.013	0.039	3810	UHW1C472MHD6
	5600	16×25	0.23	896	0.013	0.039	3810	UHW1C562MHD
	6800	16×31.5	0.25	1088	0.011	0.033	4000	UHW1C682MHD
	8200	16×35.5	0.29	1312	0.010	0.030	4200	UHW1C822MHD
25 (1E)	68	5×11	0.13	17	0.47	1.50	450	UHW1E680MDD
	150	6.3×11	0.13	37.5	0.20	0.66	700	UHW1E151MED
	180	6.3×11	0.13	45	0.20	0.66	700	UHW1E181MED
	330	8×11.5	0.13	82.5	0.10	0.36	1200	UHW1E331MPD
	390	8×15	0.13	97.5	0.054	0.17	1600	UHW1E391MPD
	470	10×12.5	0.13	117.5	0.048	0.15	1700	UHW1E471MPD
	560	8×20	0.13	140	0.038	0.12	1960	UHW1E561MPD
	680	10×16	0.13	170	0.030	0.090	2000	UHW1E681MPD
	820	10×20	0.13	205	0.020	0.060	2500	UHW1E821MPD
	820	10×16	0.13	205	0.030	0.090	2000	UHW1E821MPD6
	1000	10×20	0.13	250	0.020	0.060	2500	UHW1E102MPD
	1200	10×25	0.13	300	0.017	0.051	2900	UHW1E122MPD
	1500	12.5×20	0.13	375	0.017	0.051	2600	UHW1E152MHD
	1800	12.5×25	0.13	450	0.015	0.045	3200	UHW1E182MHD
	2200	12.5×25	0.15	550	0.015	0.045	3200	UHW1E222MHD
	2200	16×20	0.15	550	0.015	0.045	3575	UHW1E222MHD6
	2700	12.5×31.5	0.15	675	0.012	0.036	3795	UHW1E272MHD
	2700	16×20	0.15	675	0.015	0.045	3575	UHW1E272MHD6
	3300	12.5×35.5	0.17	825	0.011	0.033	4120	UHW1E332MHD
	3300	16×25	0.17	825	0.013	0.039	3810	UHW1E332MHD6
	3900	16×25	0.17	975	0.013	0.039	3810	UHW1E392MHD
	4700	16×31.5	0.19	1175	0.011	0.033	4000	UHW1E472MHD
	5600	16×35.5	0.21	1400	0.010	0.030	4200	UHW1E562MHD
35 (1V)	47	5×11	0.11	16.45	0.47	1.50	450	UHW1V470MDD
	100	6.3×11	0.11	35	0.20	0.66	700	UHW1V101MED
	180	8×11.5	0.11	63	0.10	0.36	1200	UHW1V181MPD
	220	8×15	0.11	77	0.054	0.17	1600	UHW1V221MPD
	270	8×15	0.11	94.5	0.054	0.17	1600	UHW1V271MPD
	270	10×12.5	0.11	94.5	0.048	0.15	1700	UHW1V271MPD6

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If there is no size code in the part number, please add size code “1” and then add the appropriate code.

UHW

■Dimensions

Rated Voltage (V) (code)	Rated Capacitance (μF)	Case Size φD×L (mm)	tan δ	Leakage Current (μA) (at 20℃ after 2 minutes)	Impedance (Ω) MAX.		Rated Ripple (mArms) (105℃/100kHz)	Part Number
					20℃/ 100kHz	−10℃/ 100kHz		
35 (1V)	330	10×12.5	0.11	115.5	0.048	0.15	1700	UHW1V331MPD
	390	8×20	0.11	136.5	0.038	0.12	1960	UHW1V391MPD6
	390	10×16	0.11	136.5	0.030	0.090	2000	UHW1V391MPD
	470	10×16	0.11	164.5	0.030	0.090	2000	UHW1V471MPD
	560	10×20	0.11	196	0.020	0.060	2500	UHW1V561MPD
	680	10×25	0.11	238	0.017	0.051	2900	UHW1V681MPD
	680	10×20	0.11	238	0.020	0.060	2500	UHW1V681MPD6
	820	10×25	0.11	287	0.017	0.051	2900	UHW1V821MPD
	820	12.5×20	0.11	287	0.017	0.051	2600	UHW1V821MHD6
	1000	12.5×20	0.11	350	0.017	0.051	2600	UHW1V102MHD
	1200	12.5×25	0.11	420	0.015	0.045	3200	UHW1V122MHD
	1500	16×20	0.11	525	0.015	0.045	3575	UHW1V152MHD
	1800	12.5×31.5	0.11	630	0.012	0.036	3795	UHW1V182MHD
	1800	16×25	0.11	630	0.013	0.039	3810	UHW1V182MHD6
	2200	12.5×35.5	0.13	770	0.011	0.033	4120	UHW1V222MHD
	2200	16×25	0.13	770	0.013	0.039	3810	UHW1V222MHD6
	3300	16×31.5	0.15	1155	0.011	0.033	4000	UHW1V332MHD
	3900	16×35.5	0.15	1365	0.010	0.030	4200	UHW1V392MHD
50 (1H)	27	5×11	0.10	13.5	0.47	1.50	450	UHW1H270MDD
	56	6.3×11	0.10	28	0.20	0.66	700	UHW1H560MED
	100	8×11.5	0.10	50	0.10	0.36	1200	UHW1H101MPD
	120	8×11.5	0.10	60	0.10	0.36	1200	UHW1H121MPD
	150	8×15	0.10	75	0.054	0.17	1600	UHW1H151MPD
	180	10×12.5	0.10	90	0.048	0.15	1700	UHW1H181MPD
	220	10×12.5	0.10	110	0.048	0.15	1700	UHW1H221MPD6
	220	10×16	0.10	110	0.042	0.126	1650	UHW1H221MPD
	270	8×20	0.10	135	0.038	0.12	1960	UHW1H271MPD6
	270	10×20	0.10	135	0.030	0.090	2060	UHW1H271MPD
	330	10×20	0.10	165	0.030	0.090	2060	UHW1H331MPD
	390	10×25	0.10	195	0.028	0.084	2420	UHW1H391MPD
	390	10×20	0.10	195	0.030	0.090	2060	UHW1H391MPD6
	470	10×25	0.10	235	0.028	0.084	2420	UHW1H471MPD
	470	12.5×20	0.10	235	0.027	0.081	2300	UHW1H471MHD6
	560	12.5×20	0.10	280	0.027	0.081	2300	UHW1H561MHD
	680	12.5×25	0.10	340	0.023	0.069	2800	UHW1H681MHD
	820	12.5×25	0.10	410	0.023	0.069	2800	UHW1H821MHD
	820	16×20	0.10	410	0.023	0.069	3070	UHW1H821MHD6
	1000	12.5×31.5	0.10	500	0.020	0.060	3500	UHW1H102MHD
	1000	16×25	0.10	500	0.021	0.063	3270	UHW1H102MHD6
	1200	16×25	0.10	600	0.021	0.063	3270	UHW1H122MHD
	1500	12.5×35.5	0.10	750	0.019	0.057	3810	UHW1H152MHD
	1500	16×25	0.10	750	0.021	0.063	3270	UHW1H152MHD6
	1800	16×31.5	0.10	900	0.019	0.057	3430	UHW1H182MHD
	2200	16×31.5	0.12	1100	0.019	0.057	3430	UHW1H222MHD
	2700	16×35.5	0.12	1350	0.018	0.054	3600	UHW1H272MHD

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If there is no size code in the part number, please add size code “1” and then add the appropriate code.

UHW

■Dimensions

Rated Voltage (V) (code)	Rated Capacitance (μF)	Case Size φD×L (mm)	tan δ	Leakage Current (μA) (at 20℃ after 2 minutes)	Impedance (Ω) MAX.		Rated Ripple (mArms) (105℃/100kHz)	Part Number
					20℃/ 100kHz	−10℃/ 100kHz		
63 (1J)	18	5×11	0.09	11.34	1.20	5.40	310	UHW1J180MDD
	39	6.3×11	0.09	24.57	0.46	2.10	500	UHW1J390MED
	47	6.3×11	0.09	29.61	0.46	2.10	500	UHW1J470MED
	68	8×11.5	0.09	42.84	0.29	1.30	950	UHW1J680MPD
	82	8×11.5	0.09	51.66	0.29	1.30	950	UHW1J820MPD
	100	8×15	0.09	63	0.20	0.90	1230	UHW1J101MPD
	120	8×15	0.09	75.6	0.20	0.90	1230	UHW1J121MPD
	120	10×12.5	0.09	75.6	0.17	0.66	1280	UHW1J121MPD6
	150	8×20	0.09	94.5	0.16	0.66	1580	UHW1J151MPD
	150	10×12.5	0.09	94.5	0.17	0.66	1280	UHW1J151MPD6
	180	8×20	0.09	113.4	0.16	0.66	1580	UHW1J181MPD6
	180	10×16	0.09	113.4	0.115	0.47	1200	UHW1J181MPD
	270	10×20	0.09	170.1	0.088	0.34	1570	UHW1J271MPD
	330	10×25	0.09	207.9	0.072	0.28	1990	UHW1J331MPD
	390	10×31.5	0.09	245.7	0.063	0.18	2050	UHW1J391MPD
	390	12.5×20	0.09	245.7	0.065	0.18	1990	UHW1J391MHD6
	560	12.5×25	0.09	352.8	0.049	0.14	2460	UHW1J561MHD
	680	12.5×31.5	0.09	428.4	0.044	0.13	2760	UHW1J681MHD
	680	16×20	0.09	428.4	0.050	0.15	2380	UHW1J681MHD6
	820	12.5×35.5	0.09	516.6	0.038	0.11	3040	UHW1J821MHD
	820	18×20	0.09	516.6	0.047	0.14	2460	UHW1J821MHD6
	1000	12.5×40	0.09	630	0.033	0.095	3100	UHW1J102MHD
	1000	16×25	0.09	630	0.040	0.12	2890	UHW1J102MHD6
	1200	16×31.5	0.09	756	0.025	0.072	2930	UHW1J122MHD
	1200	18×25	0.09	756	0.038	0.11	2930	UHW1J122MHD6
	1500	16×35.5	0.09	945	0.023	0.066	3100	UHW1J152MHD
	1500	18×31.5	0.09	945	0.024	0.069	3100	UHW1J152MHD6
	1800	16×40	0.09	1134	0.021	0.060	3510	UHW1J182MHD
	1800	18×35.5	0.09	1134	0.022	0.063	3510	UHW1J182MHD6
	2200	18×40	0.11	1386	0.020	0.057	3860	UHW1J222MHD
80 (1K)	12	5×11	0.09	9.6	1.20	5.40	310	UHW1K120MDD
	27	6.3×11	0.09	21.6	0.46	2.10	500	UHW1K270MED
	47	8×11.5	0.09	37.6	0.29	1.30	950	UHW1K470MPD
	68	8×15	0.09	54.4	0.20	0.90	1230	UHW1K680MPD
	82	10×12.5	0.09	65.6	0.17	0.66	1280	UHW1K820MPD
	100	8×20	0.09	80	0.16	0.66	1580	UHW1K101MPD
	120	10×16	0.09	96	0.115	0.47	1040	UHW1K121MPD
	180	10×20	0.09	144	0.088	0.34	1430	UHW1K181MPD
	180	12.5×15	0.09	144	0.115	0.47	1430	UHW1K181MHD6
	220	10×25	0.09	176	0.072	0.28	1620	UHW1K221MPD
	270	10×31.5	0.09	216	0.063	0.18	1750	UHW1K271MPD
	270	12.5×20	0.09	216	0.065	0.18	1750	UHW1K271MHD6
	390	12.5×25	0.09	312	0.049	0.14	2210	UHW1K391MHD
	470	12.5×31.5	0.09	376	0.044	0.13	2400	UHW1K471MHD
	470	16×20	0.09	376	0.050	0.15	1950	UHW1K471MHD6
	560	12.5×35.5	0.09	448	0.038	0.11	2600	UHW1K561MHD

For cut leads, formed leads or taped parts, please add the appropriate code after the size code (12th digit).
If there is no size code in the part number, please add size code “1” and then add the appropriate code.

UHW

■Dimensions

Rated Voltage (V) (code)	Rated Capacitance (μF)	Case Size φD×L (mm)	tan δ	Leakage Current (μA) (at 20℃ after 2 minutes)	Impedance (Ω) MAX. 20℃/100kHz	Impedance (Ω) MAX. −10℃/100kHz	Rated Ripple (mArms) (105℃/100kHz)	Part Number
80 (1K)	560	18×20	0.09	448	0.047	0.14	2270	UHW1K561MHD6
	680	12.5×40	0.09	544	0.033	0.095	2860	UHW1K681MHD
	680	16×25	0.09	544	0.040	0.12	2430	UHW1K681MHD6
	820	16×31.5	0.09	656	0.033	0.095	2640	UHW1K821MHD
	820	18×25	0.09	656	0.038	0.11	2500	UHW1K821MHD6
	1000	16×35.5	0.09	800	0.030	0.086	2860	UHW1K102MHD
	1200	16×40	0.09	960	0.028	0.081	3510	UHW1K122MHD
	1200	18×31.5	0.09	960	0.031	0.090	2860	UHW1K122MHD6
	1500	18×35.5	0.09	1200	0.028	0.081	3510	UHW1K152MHD
	1800	18×40	0.09	1440	0.027	0.076	3860	UHW1K182MHD
100 (2A)	8.2	5×11	0.08	8.2	1.20	5.40	310	UHW2A8R2MDD
	18	6.3×11	0.08	18	0.46	2.10	500	UHW2A180MED
	33	8×11.5	0.08	33	0.29	1.30	950	UHW2A330MPD
	47	8×15	0.08	47	0.20	0.90	1230	UHW2A470MPD
	56	10×12.5	0.08	56	0.17	0.66	1280	UHW2A560MPD
	68	8×20	0.08	68	0.16	0.66	1580	UHW2A680MPD
	82	10×16	0.08	82	0.115	0.47	1040	UHW2A820MPD
	100	10×20	0.08	100	0.088	0.34	1430	UHW2A101MPD
	100	12.5×15	0.08	100	0.115	0.47	1430	UHW2A101MHD6
	120	10×25	0.08	120	0.072	0.28	1620	UHW2A121MPD
	180	12.5×20	0.08	180	0.065	0.18	1750	UHW2A181MHD
	220	12.5×25	0.08	220	0.049	0.14	2210	UHW2A221MHD
	270	12.5×31.5	0.08	270	0.044	0.13	2400	UHW2A271MHD
	270	16×20	0.08	270	0.050	0.15	1950	UHW2A271MHD6
	390	12.5×35.5	0.08	390	0.038	0.11	2600	UHW2A391MHD
	390	16×25	0.08	390	0.040	0.12	2430	UHW2A391MHD6
	390	18×20	0.08	390	0.047	0.14	2270	UHW2A391MHD3
	470	12.5×40	0.08	470	0.033	0.095	2860	UHW2A471MHD
	470	18×25	0.08	470	0.038	0.11	2500	UHW2A471MHD6
	560	16×31.5	0.08	560	0.033	0.095	2640	UHW2A561MHD
	680	16×35.5	0.08	680	0.030	0.086	2860	UHW2A681MHD
	680	18×31.5	0.08	680	0.031	0.090	2860	UHW2A681MHD6
	820	16×40	0.08	820	0.028	0.081	3510	UHW2A821MHD
	820	18×35.5	0.08	820	0.028	0.081	3510	UHW2A821MHD6
	1000	18×40	0.08	1000	0.027	0.076	3860	UHW2A102MHD

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Please refer to page 18, 19 about the formed or taped product spec.
Please refer to page 4 for the minimum order quantity.