

CROSS-REFERENCE CHART FOR ION EXCHANGE RESINS  
S. WRIGLEY DECEMBER 1998

New DOWEX Product Range	Former products	ROHM AND HAAS AMBERLITE	DUOLITE	IMAC	BAYER LEWATIT	WOFATIT	PUROLITE	MITSUBISHI DIAION	RELITE	SYBRON IONAC	VARION	TULSION	RUSSIAN
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**STRONG ACID CATION**

HCR/HCR-S/S MARATHON C	HCR-S	(IR-120) IR-120 IR-120+	C 20A C 20 C 225	C-12 HP 111	S-100 S-100	KPS	C 100E C 100 C 120E	SK-106 SK-1B	CFX5 CF CF/L CF/H	C-240 C-249 C-267	KS 660 KS (KS-E)**	T-40 T-42	KU2-8
MONOSPHERE 650C/HCR-W2		IR-120 IR-120+ IR-130	C 225 C 20	C-12			C100	SK-1B	CF CF/G	C-298 C-254	KS	T-50	
MONOSPHERE 650C/HGR-W2		IR-122 IR-132E	C 255	C-14	S-115		C 100X10	SK-110 SK-112	C-250 CFX 12 CFX 10	C-299 C-258 C-251 C-259 C-255 C-256	KS-1000	T-52	
88	CM-12	252	C 26	C 8/P	SP-112	KS-10	C 145 C 115	PK-220	CFS	CFS			
MONOSPHERE C600B/MONOSPH	CM-15/CM-16		(C 262)	C-16/P	SP-120	KS-11	C 155	PK-228	CFZ C-360	CFZ			KU23(15/100)
MARATHON MSC	MSC-1	200	C 262 C 265 C 264	C-16/P	SP-120 SP-112		C 160	PK-216	C-360		KSM (KSM-E)**		KU23(30/100)
MSC-1 C	88	200-C 252	(C 26 C) C 26		SP-112		C 150	PK-220	CF Z	CFZ/D		T-42 MP	
50WX4 (20/50)		IR 118	C 204		SC-104			SK-104					

**WEAK ACID CATION**

MAC-3		IRC-84 (IRC-86) (IRC-72) (IRC-76) (IRC-50) (DP-1)	C 433 CC 3 (CS 101) (C 470) (C 476) (C 464)	HP 333 HP 334 HP 336	CNP 80 CNP LF**	CP CA-20	C 105 C 115 C 106	WK-20	CNN CC	CNN CC	KCO (KCO-E)**	CXO-12	KB-2
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**STRONG BASE ANION TYPE I**

MARATHON A	SBR-P	IRA-402 (IRA-458)	A 113 (A 101)	HP 441 HP 494 HP 555	M-504 M-510	SBW SW-31	A 400 A 450	SA-12A		ASB-1P	AT 400	A-23P	
MARATHON A	SBR	IRA-420 IRA-400 (IRA-468) (IRA-478)	A 109 (A 140) (A-113)		M-511 M-500	SN 36L	A 600	SA-10A	3A A 540 A 935	ASB-1 A540 A 935	AT 660	A-23 A-25 A-27	AV-17-8
MARATHON MSA	MSA-1	IRA-900 (IRA-901) (IRA-904)	A 161 (A 165)		MP-511 MP-500 MP-500A (AP-246)	SZ-30	A 500 A 500 P	PA-308 PA-312 PA-316 PA-318	3AS/ 3AZ D 182 A 741 D 181	3AS D 182 A 641 D 181	ATM	A-27MP	AV-17-10
MSA-1 C			A 161		MP-500 TS		A 505		3AS/G			A-21MP	
MARATHON 11	11	IRA-404 (IRA-458) (IRA-958)	A 171 (A 132)	259	S6328A MP-500A	ES EA-60	A 420 (A 500 P)				AT 400	A-72MP	
1X2 (16/100)							A 501 P						
1X4 (20/50)								SA-11A					

**STRONG BASE ANION TYPE II**

MARATHON A2	SAR	IRA-416 IRA-410	A 116 (A 102)		M610 M600	SBK	A 200 A 250 (A 850)	SA-20A	2A A-550	ASB-2 A-550	AD (AD-E)**	A-32 A-34 A-36	
MSA-2		IRA-910	A 162		MP600	SL30	A 510 (A 860)	PA-412 PA-408 PA-416 PA-418	2AS	2AS A 651	ADM (ADM-E)**	A-36MP	AV-29-12

New DOWEX Product Range	Former products	ROHM AND HAAS AMBERLITE	DUOLITE	IMAC	BAYER LEWATIT	WOFATIT	PUROLITE	MITSUBISHI DIAION	RELITE	SYBRON IONAC	VARION	TULSION	RUSSIAN
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#### WEAK BASE ANION

MARATHON WBA-2	WGR-2	IRA-47 (IRA-67) (IRA-68)	A-7		AP-49 (MK-70) (MIH-59)		(A 845) A 110	WA-10 WA-11 WA-20	A-305	A-305 MS-170	ADA	A-10X A-2X	AN 1 AN 31
MARATHON WBA	MWA-1	IRA-96 IRA-95 IRA-94 S IRA-93 SP (IRA-67/68) (IRA-35)	A-378 (A-375)		MP-64 (MP-62) (MK-70) (MP-60)	AD41 AD42 EF 66	A 100	WA-30	A 329 A-330 4 MS	AFP-329	ADAM	A-2XMP	(AN 31)
MONOSPHERE 66/77 & 66	XZ 91414	(IRA-67) (IRA-68)	A 368 (A-375)	HP 661	MP-62 OC 1068		A 103 A 104 A 105 (A 845)	WA-30 WA-21	A 329 A 330	MS 170		A-12XMP A-4XMP	

#### MIXED BED RESINS

MB-50		MB 8	MB 45 MB 5101 MB 5113				MB 400 MB 450		MI 60 MI 62 (MI-700)		MBT II		
MONOSPHERE MR-3	MR-3	MB 20 MB 604					(MB 35)	SMN 1	(MI-601)		MBT (MBT II)	MB-106	

#### NUCLEAR GRADE CATION

MONOSPHERE 500C NG (H) HGR NG (H) HGR NG (NH4) C-75 NG (H) C-75 NG (Li7)	HCR-S NG (H)	IRN-77 IRN-77 IRN-169  IRN-218 IRN-163	ARC 9351  ARC 9651 ARM 9653		S100 KR/H S100 KR/H S100 KR/NH4  S100KR/Li 7	RH  RL RK RN	NRW 100  NRW 160	SK 1BN SKN 1  PK 228 GH SKN 3			KS-N  (PSNO)	T-46	
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#### NUCLEAR GRADE ANION

MONOSPHERE 550A LC NG/SBR LC NG		IRN-78 L IRN-78L/C-L SDC-301	ARA-9366		M511 KR/OH M500 KR/OH	RO RO-SC	NRW 600 (NRW 400)	SA 10BN SAN 1			AT-N	A-33	
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#### NUCLEAR GRADE MIXED BEDS

MONOSPHERE MR-3 LC NG  MR-72 LC NG MR-75 LC NG	MR-3 LC NG	IRN-150 L IRN-150 L/C-L  IRN-217 L IRN-217 L/C-L	ARM 9381  ARM 9681 ARM 9683 (ARM 9383) (ARM 9383 S)		SM 600 KR		NRW 37  NRW 35 (NRW 39 Li7)	SMN 1				MB-104	
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#### ADSORBENT RESINS

S 112		XAD 2 XAD 4 (XAD-16)	S 861 S 862		OC 1031	EP 61	(A 860)	(IP 325) HP 20			(SDAM-4) SDAM-4 (SDAM-17)		
OPTIPORE 44		XAD 761				Y-77	MN 100 MN 200						
OPTIPORE L285	XUS 40285	XAD 761			MP 35 A	EP 62					SDAM-17		

#### SPECIALTY RESINS

21K XLT/21K MONOSPHERE M-31/M-31	M-32	A-15	A101DU		SPC-118 CA 9259-HL K2611/K2612		CT-175	RCP 160H				T-56MP	
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MONOSPHERE M-31 DR	DR 2030	A-15 DRY											
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<b>New DOWEX</b>	<b>Former products</b>	<b>ROHM AND HAAS</b>	<b>BAYER</b>	<b>WOFATIT</b>	<b>PUROLITE</b>	<b>MITSUBISHI</b>	<b>SYBRON</b>	<b>VARION</b>	<b>TULSION</b>	<b>RUSSIAN</b>
<b>Product Range</b>		<b>AMBERLITE</b>	<b>DUOLITE</b>	<b>IMAC</b>	<b>LEWATIT</b>		<b>DIAION</b>	<b>RELITE</b>	<b>IONAC</b>	

**INERT RESINS**

IF-59		RF-14			IN 42	UD 90	IP 4	IP 300/FB					
IF-62		IF-12											
MONOSPHERE 600 BB		359	S 3 TR S 5 TR		OC 1039 TS		IP 5	IP 275/BZ				TA-100	

**RESIN PARTICLE SIZE & SPECIAL GRADES**

C		L C	C D		BG		PL C		C				
LB		STRATABED			ST	DS	DL		SB				
CR	PS	RF AMBERPACK	LF		WS	AF	FL		FB				
MB			D		MB	MB	MB		MB				
UPS resins		AMBERSEP	TR				TL						

**UNIFORM PARTICLE SIZED RESINS**

<b>New DOWEX</b>	<b>Former products</b>	<b>ROHM AND HAAS</b>	<b>BAYER</b>	<b>PUROLITE</b>	<b>MITSUBISHI</b>
<b>Product Range</b>		<b>AMBERJET</b>	<b>MONOPLUS</b>	<b>PUROFINE</b>	<b>DIAION</b>

**STRONG ACID CATION**

MONOSPHERE C-350													
MONOSPHERE C-400							(C 100EF)						
MONOSPHERE 500C NG	MONOSPHERE C-500ES												
MARATHON C		1200			VP OC 1800		C 100EF						
MARATHON MSC					VP OC 1812								
MONOSPHERE 650C		1500					(SUPERGEL)						
MONOSPHERE 88							C 150 S						
MONOSPHERE 99/320								UBK 530L					
MONOSPHERE 99/350								UBK 530K					
MONOSPHERE 99/390								UBK 530G					

**WEAK BASE ANION**

MARATHON WBA					VP OC 1094								
MONOSPHERE 66							A 103 S						

**STRONG BASE ANION TYPE I**

MONOSPHERE AI-400													
MONOSPHERE 550A		4400 (4300)											
MARATHON A		4200			VP OC 1950		A 400						
MARATHON MSA					VP OC 1955								

**STRONG BASE ANION TYPE II**

MARATHON A2		4600			VP OC 1960		A 300						
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