



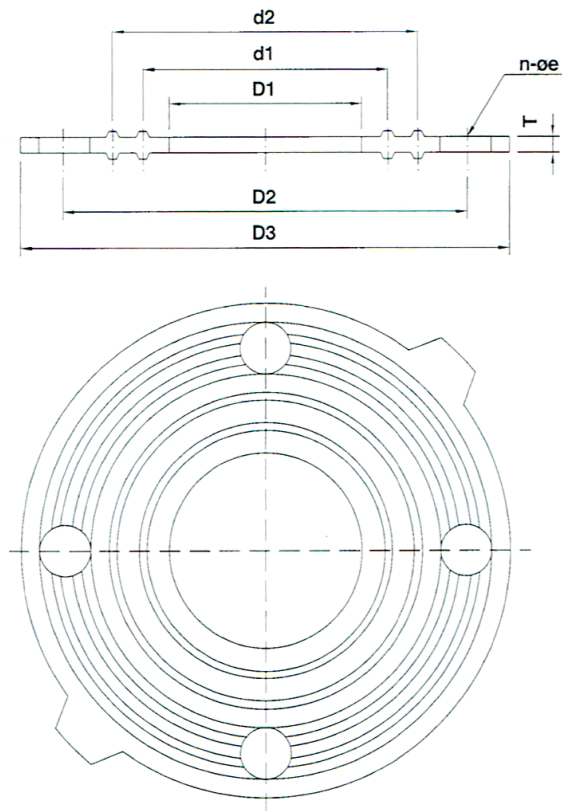
CHFG Series 迫紧

Size: 1/2" - 24"

MATERIALS: EPDM, PTFE, VITON

DIMENSIONS TABLE

JIS																		Unit: mm
Nom Size m/m(inch)	D1	D2	D3	d1	d2	n	e	T	Nom Size m/m(inch)	D1	D2	D3	d1	d2	n	e	T	
15(1/2")	18	70	93	26	41	4	15	3	150(6")	150	240	278	168	190	8	23	3	
20(3/4")	22	75	98	32	47	4	15	3	200(8")	198	290	328	216	248	12	23	3	
25(1")	28	90	123	38	53	4	19	3	250(10")	250	355	398	270	306	12	25	3	
32(1-1/4")	37	100	133	50	65	4	19	3	300(12")	300	400	443	324	356	16	25	3	
40(1-1/2")	41	105	138	54	69	4	19	3	350(14")	350	445	488	368	390	16	25	3	
50(2")	54	120	153	68	83	4	19	3	400(16")	404	510	558	433	455	16	27	3	
65(2-1/2")	69	140	173	86	101	4	19	3	450(18")	470	550	620	485	508	20	27	3	
80(3")	80	150	183	98	113	8	19	3	500(20")	520	620	675	550	575	20	27	3	
100(4")	102	175	208	120	138	8	19	3	600(24")	630	730	795	650	675	24	33	3	
125(5")	127	210	248	145	168	8	23	3										



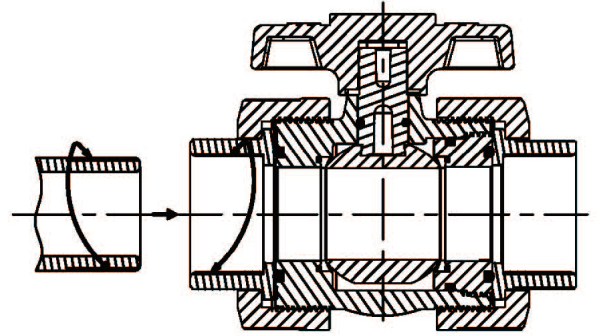
DIMENSIONS TABLE

ANSI										Unit: inch								
Nom Size m/m(inch)	D1	D2	D3	d1	d2	n	e	T	Nom Size m/m(inch)	D1	D2	D3	d1	d2	n	e	T	
15(1/2")	18	60.33	86.90	25	37	4	15.8	3	150(6")	152	241.30	277.40	172	198	8	22.2	3	
20(3/4")	22	69.85	96.43	31	43	4	15.8	3	200(8")	204	298.45	340.90	225	255	8	22.2	3	
25(1")	30	79.38	105.95	40	53	4	15.8	3	250(10")	254	361.95	404.40	275	305	8	25.4	3	
32(1-1/4")	40	88.90	117.48	52	65	4	15.8	3	300(12")	304	431.80	480.60	325	355	12	25.4	3	
40(1-1/2")	43	98.43	125.00	55	70	4	15.8	3	350(14")	354	476.25	531.40	375	405	12	28.5	3	
50(2")	54	120.65	150.40	70	84	4	19	3	400(16")	404	539.75	594.90	425	455	12	28.5	3	
65(2-1/2")	69	139.70	175.80	86	102	4	19	3	450(18")	470	575.00	635.00	500	525	16	32	3	
80(3")	82	152.40	188.50	100	114	4	19	3	500(20")	520	635.00	699.00	550	575	20	32	3	
100(4")	102	190.50	226.60	126	147	8	19	3	600(24")	630	749.00	813.00	650	680	20	35	3	
125(5")	127	215.90	252.00	149	171	8	22.2	3										

DIN										Unit: mm								
Nom Size m/m(inch)	D1	D2	D3	d1	d2	n	e	T	Nom Size m/m(inch)	D1	D2	D3	d1	d2	n	e	T	
15(1/2")	18	65	93	26	41	4	14	3	150(6")	150	240	283	168	190	8	23	3	
20(3/4")	22	75	103	32	47	4	14	3	200(8")	198	290	338	216	247	8	23	3	
25(1")	30	85	113	38	53	4	14	3	250(10")	250	355	393	270	306	12	23	3	
32(1-1/4")	40	100	133	50	65	4	18	3	300(12")	300	400	443	324	335	12	23	3	
40(1-1/2")	43	110	148	54	69	4	18	3	350(14")	350	445	503	370	390	16	25	3	
50(2")	54	125	163	68	83	4	18	3	400(16")	404	510	556	433	453	16	27	3	
65(2-1/2")	69	145	183	86	101	4	18	3	450(18")	450	565	620	481	506	20	28	3	
80(3")	80	160	198	98	112	8	18	3	500(20")	500	620	670	533	559	20	28	3	
100(4")	102	175	218	120	138	8	18	3	600(24")	630	725	780	651	676	20	28	3	
125(5")	127	210	248	145	166	8	18	3										

熱塑料管及接頭的膠合劑黏合連接為塑膠管安裝的最後重要的連結。整體而言，它可表示系統是成功或失敗。因此，如其他的系統元件一樣也需有專業的管理及注意。有許多出版的文件上說明了如何製作膠合劑黏合接頭，及其逐步程序的黏合技巧。但我們認為若對於相關的原理加以解釋、說明並讓人了解，將對於符合特定應用、溫度狀況及管與接頭尺寸及安裝的變化等所需的技巧會有更多的了解。

應隨時注意良好的安全措施。管及接頭使用的膠合劑為易燃物，因此在工作場所或儲存區域不可抽煙或放置其他熱源或產生火花。僅可在通風良好的空間內工作，並避免皮膚與各種溶劑的接觸。



軟化及穿透

此區域必須軟化且可穿透。可使用膠合劑本身，及使用適當的清潔劑，或使用清潔劑與膠合劑兩者達到此結果。適當的清潔劑通常比單獨膠合劑可更快穿透並軟化接觸面。

塗抹充足的膠合劑

在接頭鬆的間隙部分應填入足量的膠合劑。除填入間隙外，充足的膠合劑層將穿透接合面並在裝上接頭前仍保持流體狀，必須在表面仍未乾且軟時進行組裝完成。

當溶劑蒸發後，膠合劑層及軟化的表面將開始硬化，且逐漸增加接頭的強度。良好的接合必須遠在接頭完全乾燥且達到最終強度之前，加上一定的工作壓力。

在接頭的緊密（融接）部分，強度的進展比在接頭鬆（膠黏）的部分更快速。可索取膠合劑黏合接頭膠黏強度進展的相關資訊。

為持續製作良好的接合，應詳細了解以下各點：

1. 連接面必須軟化且使其成為半流體狀。
2. 應使用充足的膠合劑填入管與接頭之間的縫隙，**但不可過多膠合劑殘留到球體上。**
3. 當表面仍未乾且為流體狀時進行管與接頭的組裝。
4. 當膠合劑變乾後會展現出接頭的強度。在接頭緊密的部分，接觸面有融接的傾向，而在鬆的部分膠合劑會將表面膠黏一起。

平均固化時間

相對溼度 60%或以下*	管尺寸 1/2"–1-1/4"		管尺寸 1-1/2"–2"		管尺寸 2-1/2"–8"		管尺寸 10"–15"	管尺寸 16"–24"
	組裝及固化時間時的溫度範圍	達160psi 160–370psi	達160psi 160–370psi	達160psi 160–370psi	達160psi 160–315psi	達100psi	達100psi	
60°–100°F	15分鐘	6小時	30分鐘	12小時	1-1/2小時	24小時	48小時	72小時
40°–60°F	20分鐘	12小時	45分鐘	24小時	4小時	48小時	96小時	6日
0°–40°F	30分鐘	48小時	1小時	96小時	72小時	8日	8日	14日

❗ 註 在潮濕或溼度大的天氣時可容許增加50%的固化時間。以上所示的時間僅為一種好意且建議僅供參考。此為根據實驗室之測試資料，不可視為所有膠合劑製造商的建議。應遵守所使用的特定膠合劑之個別膠合劑製造商的建議。以上的固化時間係依據Net Fit接頭的實驗室測試資料（NET FIT＝在乾接合時，管底在接頭管套內適度接合但未接觸到止動處）。更多資訊請洽膠合劑製造商。重要！安裝人員確認在各種變動情況下可製作合格的接合，並且應接受安裝及安全注意事項的訓練。

▲ 警告： 1. 本產品禁止使用壓縮的空氣或瓦斯在塑膠的管配件上。
2. 禁止使用壓縮的氣體或瓦斯測試塑膠管路系統。

法蘭接合可用於需經常拆卸的應用上。在內插套管、外插套管及各種不同款式的螺紋組態上提供有UPVC及CPVC法蘭，包括單片式法蘭及兩片式Van Stone式法蘭，此處螺栓環可在套殼內自由旋轉，使得組裝時容易對準螺栓孔。大多數的塑膠法蘭都可承受最大150 psi 於73°F 水中的工作壓力額定值。應注意選擇適當的墊圈材料，以確定其與輸送液體可相容。

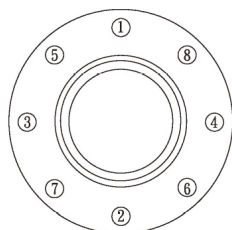
法蘭螺栓應有足夠的緊度可稍微壓住墊圈，造成良好的密封，但不可太緊以避免法蘭變形。在螺栓頭與螺帽間應使用適當的墊片。應以對角線上的螺栓交替順序安裝。應遵照法蘭製造商組件指示，建議的螺栓扭力值，以及螺栓上緊的順序。

塑膠法蘭建議的法蘭螺栓扭力

法蘭尺寸 (英吋)	螺栓孔數	螺栓直徑 (英吋)	螺栓的最短長度 (英吋)	扭力 ft-lb PSI
1/2	4	1/2	2	10-15
3/4	4	1/2	2	10-15
1	4	1/2	2-1/4	10-15
1-1/4	4	1/2	2-1/4	10-15
1-1/2	4	1/2	2-1/2	20-30
2	4	5/8	3	20-30
2-1/2	4	5/8	3-1/4	20-30
3	4	5/8	3-1/4	20-30
4	8	5/8	3-1/2	20-30
6	8	3/4	4	30-50
8	8	3/4	4-1/2	30-50
10	12	7/8	5	50-80
12	12	7/8	5	80-100
14	12	1	5-1/2	100-120
16	16	1	6-1/2	100-120
18	16	1-1/8	4-1/8	100-120
20	20	1-1/8	5-1/2	100-120
24	20	1-1/4	5-1/2	100-120

螺栓扭力

建議的螺栓扭力如上所示。螺紋應保持乾淨且有良好的潤滑。實際的現場情況可能需改變這些建議值。

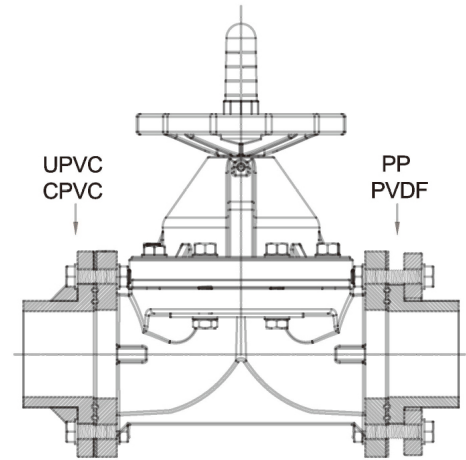


法蘭螺栓上緊順序

▲ 注意 沒有必要的過度上緊將會破壞法蘭。

墊圈

1. 使用有凸緣迫緊
2. 禁止使用橡膠, 鐵氟龍, 平面迫緊



▲ 注意 當閥與「突出面」全面法蘭接合或與夾式法蘭連接時，應注意避免鎖力超出造成法蘭「彎曲變形」而漏水。

法蘭補充

應遵照法蘭與管接合時適當的膠合劑黏合及/或螺紋管件的程序。當法蘭與管接合後，接合兩個法蘭的方法如下：

- A. 與法蘭接合的管線必須在直線位置上對準法蘭安裝，以避免因未對準而在法蘭上產生壓力。管線必須固定及支撐，以避免橫向移動而產生壓力造成法蘭損壞。
- B. 墊圈放入定位後，轉動環至定位以對準接合法蘭的螺栓孔。
- C. 插入所有螺栓、墊片（每個螺栓兩個標準的平墊片）及螺帽。
- D. 確定接合面的表面在使用螺栓固定法蘭之前與墊圈齊平。
- E. 先用手上緊螺帽，並根據標示的螺帽上緊順序圖（以180度對面方向順序上緊），以5ft - lb 扭力增量上緊螺帽，使得法蘭面上可建立均勻的壓力。
- F. 當法蘭與「突出面」法蘭接合或與夾式(wafer-style) 閥連接時，應注意避免「彎曲」法蘭。請勿使用螺帽將不當接合的法蘭固定。

指定的螺栓最小長度係根據公司製造的兩個法蘭、兩個標準平墊片、標準螺帽及1/8"厚度整面有凸緣墊圈的使用。與其他廠牌的法蘭或配件可能需改變此長度。法蘭供應時並不隨附螺栓及墊圈。實際的現場狀況可能需改變這些建議值。以上的建議值視為一般的使用且僅供參考。應遵照法蘭管件製造商的組件指示，以確保最高的系統完整性。

THERMOPLASTIC VALVE

分类 Category	PVC (°C)			PP (°C)			PPC (°C)FRTP			PVDF (°C)			PTFE (°C) Teflon			EPDM(°C)			CR(°C)			CSM(°C)			FPM(°C)			
	20	40	60	30	60	90	30	60	120	30	90	130	120	180	260	20	60	110	20	40	80	20	40	90	60	120	180	
药品 Reagents																												
盐酸 Hydrochloric Acid 36% 144g 混	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
硫酸 Sulfuric Acid 98% 13g mixture	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
盐酸 Hydrochloric Acid 20% 100g 混	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
硫酸 Sulfuric Acid 5% 5g Mixture	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
盐酸 Hydrochloric Acid 20% 100g 混	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
硝酸 Nitric Acid 50% 5g Mixture	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
对苯二甲酸 Nickel Sulphate 20%	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
对苯二甲酸 Nickel Sulphate 50%	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
硫酸镁 Magenesium Sulphate 稀释	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
硫酸镁 Magenesium Sulphate 100%	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
氯化第二铁 Ferrous Chloride 5%混合	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
氯化第二铁 Ferric Chloride 5%混合	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
蘋果酸 Apple Acid (稀释Dilutedaa)	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
砷酸 Arsenic Acid (稀释Diluted)	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
砷酸 Arsenic Acid (稀释Diluted 80%)	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
苯醛 Benzaldehyde 0.1%	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
苯Benzine 工业纯净Technically Pure	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
苯和石油精 Benzine Benzene 80%	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
酒精 Benzyl Alcohol 100%	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
硼砂 Borax, (稀释 Diluted)	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
硼砂 Borax Acid, (稀释Diluted)	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
溴Bromine 液体 100%	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
溴Bromine 水蒸气少量 Vapours Poor	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
溴Bromine 水泡 Water Saturated	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
丁二烯 Buaddiene 50%	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
丁二烯 Buaddiene 100%	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
丁烷 Butane 50%	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
丁醇 Butanol Upto 100%	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
醋酸丁醋 Butyl Acetate(工业纯净Technically Pure)	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
丁酸 Butyric Acid 20%	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
丁酸 Butyric Acid (工业纯净Technically Pure)	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
钙氯化物 Calcium Chloride (稀释Diluted)	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
钙氯化物 Calcium Chloride 一般温度	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
酒酸 Wine Acid UpF to 10%	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
苏打 Soda (稀释Diluted)	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
海水 Sea Water 100%	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
腐蚀性的验水碳酸钾 Caustic potachlye 40%	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
腐蚀性的验水碳酸钾 Caustic potachlye 50-60%	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
硝酸验 Carbon Dioxide 干Dry 100%	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
二氧化碳 Carbon Dioxide 干Dry 100%	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
二氧化碳 Carbon Dioxide 湿Miost 100%	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
一氧化碳 Carbon Monoxide 湿Miost 100%	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
樟脑油 Camphor oil 纯净 Saturated	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
苏打溶解 Caustic Sode Solution 40%	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
苏打溶解 Caustic Sode Solution 50-40%	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
甲酸 Formic Acid Technically Pure 工业纯净	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
甲酸 Formic Acid 20%	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
甲酸 Formic Acid 50%	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
己丁稀二酸 Maleic Acid 饱和Saturated	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
己丁稀二酸 Maleic Acid 饱和35%	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●

药品 Reagents	PVC (°C)			PP (°C)			PPC (°C)FRTP			PVDF (°C)			PTFE (°C) Teflon			EPDM(°C)			CR(°C)			CSM(°C)			FPM(°C)		
	20	40	60	30	60	90	30	60	120	30	90	130	120	180	260	20	60	110	20	40	80	20	40	90	60	120	180
硫酸 Sulfuric Acid 10%~60%	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
硫酸 Sulfuric Acid 90%	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
硫酸 Sulfuric Acid 98%	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
盐酸 Hydrochloric Acid 1%~10%	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
盐酸 Hydrochloric Acid 20%	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
盐酸 Hydrochloric Acid 35%	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
硝酸 Nitric Acid 10%	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
硝酸 Nitric Acid 30%	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
硝酸 Nitric Acid 50%	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
磷酸 Phosphor Acid 30%	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
磷酸 Phosphor Acid 50%	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
烙酸 Hydro Acid 5%	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
烙酸 Hydro Acid 20%	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
烙酸 Hydro Acid 50%	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
醋酸 Acetic Acid 20%	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
硫酸镍 Nickel Sulphate, 稀释 Diluted	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
氟酸 Hydroforic Acid 10%	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
氟酸 Hydroforic Acid 40%	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
氟酸 Hydroforic Acid 55%	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
次亚盐素酸 Hypochlorous Acid 10%	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
苛性钠 Sodium hydroxide 20%	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
苛性钠 Sodium hydroxide 50%	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
氨水 Ammonium Water 15%	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
碳酸钠 Sodium Carbonate	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
食盐水 (饱和) Sodium Chloride	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
氯化钙 Calcium Chloride	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
氯化镁 Magnesium Chloride	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
硫化钠 Sodium Sulfide 60%	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
次亚氯酸钠 Sodium Hypochlorite 10%	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
次亚氯酸钠 Sodium Hypochlorite 20%	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
氯化氨 Ammonium Chloride 35%	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
镀锡液 Solution of Tio-Plating	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
镀铬液 Solution of Chromoum-Plating	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
亚硫酸 Sulphurous Acid Lo	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
乙醛+醋酸 Acetaldehyde + Acetic 10%~90%	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
明矾 Alums Aqueous,稀释 Diluted	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
明矾 Alums Aqueous,工业纯净Technically Pure	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
明矾 Alums Aqueous,饱和Saturated	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
氯化铝 Aluminium Chloride,稀释 Diluted	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
氯化铝 Aluminium Chloride,饱和Saturated	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
硫酸氨 Ammonium Sulphate,稀释 Diluted	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
硫酸氨 Ammonium Sulphate,饱和Saturated	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
醋酸铵 Ammonium Acetate 100%	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
碳酸钠 Ammonium Carbonate 60%	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
阿摩尼亚 Ammonia Water 60%	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
阿摩尼亚 Ammonia Water 100%	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
氯化铵 Ammonium Fluoride 10%	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
氯化铵 Ammonium Fluoride 20%	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
三氯化锑 Antimony Chloride 50%	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
三氯化锑 Antimony Chloride 90%	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●

● --- 不侵蚀 (使用良好) Non-Corrosive(good in use)

● --- 稍微不侵蚀 (视情形而使用) Slihtly Corrosive(accprding to situations)

● --- 大致不侵蚀 (可以使用) Very Slihtly Corrosive(usable)

● --- 侵蚀 (不可使用) Corrosive(not usable)