

# J-PRO Chemical Resistance

Chemical	Concentration%	Stainless steel			PP/PVC			PVDF/PTFE		
		25°C	50°C	100°C	25°C	50°C	100°C	25°C	50°C	100°C
H <sub>2</sub> SO <sub>4</sub>	0~50	×	×	×	√	√	○	√	√	√
H <sub>2</sub> SO <sub>4</sub>	50~98	×	×	×	√	○	×	√	√	√
HNO <sub>3</sub>	10~70	√	√	√	√	√	○	√	√	√
HNO <sub>3</sub>	70~100	√	√	√	×	×	×	√	√	√
HCL	ANY	×	×	×	○	○	○	√	√	√
H <sub>3</sub> PO <sub>4</sub>	0~90	×	×	×	√	√	○	√	√	√
HF	0~50	×	×	×	√	√	√	√	√	√
Hydrobromic acid	ANY	×	×	×	√	√	○	√	√	√
HCN	ANY	×	×	×	√	√	√	√	√	√
C <sub>3</sub> H <sub>7</sub> COOH	0~50	×	×	×	√	√	×	√	√	√
HClO	ANY	×	×	×	√	√	×	√	√	√
GHF	ANY	×	×	×	√	√	√	√	√	√
HCL+ HNO <sub>3</sub>		×	×	×	×	×	×	√	√	√
HCOOH	ANY	×	×	×	√	√	√	√	√	√
C <sub>2</sub> H <sub>4</sub> O <sub>2</sub>	ANY	○	○	○	√	√	○	√	√	√
C <sub>3</sub> H <sub>7</sub> COOH	ANY	√	√	√	√	√	√	√	√	√
C <sub>3</sub> H <sub>6</sub> O <sub>3</sub>	ANY	√	√	×	√	√	×	√	√	√
C <sub>2</sub> H <sub>2</sub> O <sub>4</sub>	ANY	○	○	×	√	○	×	√	√	√
C <sub>22</sub> H <sub>32</sub> O <sub>2</sub>	ANY	√	√	√	√	○	×	√	√	√
C <sub>7</sub> H <sub>6</sub> O <sub>2</sub>	ANY	√	√	√	√	√	×	√	√	√
C <sub>6</sub> H <sub>8</sub> O <sub>7</sub>	ANY	√	√	√	√	○	×	√	√	√
C <sub>6</sub> H <sub>7</sub> NO <sub>3</sub> S	ANY	√	√	√	○	○	×	√	√	√
C <sub>2</sub> H <sub>3</sub> ClO <sub>2</sub>	ANY	×	×	×	√	√	×	√	√	√
KOH	ANY	√	√	×	√	√	√	√	√	√

NaOH	ANY	√	√	√	√	√	√	√	√	√	√
(NH <sub>3</sub> ) <sub>3</sub> SO <sub>4</sub>	ANY	×	×	×	√	√	√	√	√	√	√
(NH <sub>3</sub> ) <sub>3</sub> PO <sub>4</sub>	ANY	√	√	×	√	√	○	√	√	√	√
NH <sub>3</sub> CL	ANY	×	×	√	√	√	○	√	√	√	√
Sodium Fluoride	ANY	○	○	×	√	√	√	√	√	√	√
NH <sub>4</sub> HF <sub>2</sub>	ANY	×	×	×	√	√	√	√	√	√	√
NaClO <sub>3</sub>	0~25	×	×	×	√	○	×	√	√	√	√
AL <sub>2</sub> (SO <sub>4</sub> ) <sub>3</sub>	ANY	√	√	√	√	√	√	√	√	√	√
(CH <sub>3</sub> COO) <sub>2</sub> Pb	ANY	√	√	√	√	√	○	√	√	√	√
Ca(ClO) <sub>2</sub>	0~25	×	×	×	√	○	○	√	√	√	√
CH <sub>3</sub> OH	ANY	√	√	√	√	○	○	√	√	√	√
C <sub>2</sub> H <sub>5</sub> OH	ANY	√	√	√	√	○	○	√	√	√	√
C <sub>6</sub> H <sub>5</sub> -CH <sub>3</sub>	ANY	√	√	√	×	×	×	√	√	√	√
CH <sub>3</sub> CCl <sub>3</sub>	ANY	√	√	√	×	×	×	√	√	√	√
HclO <sub>3</sub>	ANY	×	×	×	√	√	×	√	√	√	√
KClO <sub>3</sub>	ANY	√	√	√	√	√	√	√	√	√	√
H <sub>3</sub> BO <sub>3</sub>	ANY	√	√	○	√	√	√	√	√	√	√
Na <sub>3</sub> PO <sub>4</sub>	ANY	√	√	√	√	○	×	√	√	√	√
Na <sub>2</sub> B <sub>10</sub> O <sub>7</sub> *10H <sub>2</sub> O	ANY	√	√	√	√	√	√	√	√	√	√
K <sub>2</sub> MnO <sub>4</sub>	ANY	√	√	√	√	√	×	√	√	√	√
H <sub>2</sub> SO <sub>3</sub>	ANY	√	√	○	√	√	√	√	√	√	√
H <sub>2</sub> SiO <sub>3</sub>	ANY	×	×	×	√	√	√	√	√	√	√
HClO	ANY	×	×	×	√	√	√	√	√	√	√
NiSO <sub>4</sub> .7H <sub>2</sub> O	ANY	√	√	×	√	√	√	√	√	√	√
AlF <sub>3</sub>	ANY	○	×	×	√	√	√	√	√	√	√