

Material + Chemical Compatibility Chart

| Material | Beer | Caustic Wash NaOH (20%) | Plating Solution Chrome | Plating Solution Nickel | Sulfuric Acid (30%) | Water DE-I | Water Sea | UV Radiation |
|----------|-------|-------------------------|-------------------------|-------------------------|---------------------|------------|-----------|--------------|
| Brass | ⚠ | ⚠ | ✖ | ✖ | ✖ | ✖ | ✖ | ✔ |
| 303SS | ⚠ | ⚠ | ✖ | ✖ | ✖ | ⚠ | ✖ | ✔ |
| 316SS | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ | ⚠ | ✔ |
| Polypro | 180°F | 180°F | 180°F | 180°F | 180°F | 180°F | 180°F | ✖ |
| PVDF | 200°F | ✖ | 200°F | 200°F | 250°F | 280°F | 280°F | ✔ |
| Acetal | ✔ | ✔ | ? | ? | ✖ | ? | ✔ | ⚠ |
| PVC | 140°F | 140°F | 140°F | 140°F | 140°F | 140°F | 140°F | ⚠ |
| CPVC | 160°F | 210°F | 210°F | 210°F | 210°F | 210°F | 210°F | ⚠ |
| Teflon® | 300°F | 350°F | 300°F | 300°F | 250°F | 400°F | 400°F | ✔ |



Excellent resistance. Check with your chemical supplier or system designer.



Moderate to good resistance. Check with your chemical supplier or system designer.



Poor to moderate resistance. Not recommended.



Call your chemical supplier.

Note: BEX does not assume any liability for the accuracy or completeness of this information. Users should always consult their chemical supplier and system designer to determine the suitability of any given material for their application.