

Specifications

Material Specifications

- Aluminum – ASTM B85 Grade 383 aluminum alloy, brass handles, buna gaskets, carbon steel pins, rings, clips
- Aluminum comply with Mil-Spec A-A-59326 for interchangeability
- ALSH supplied with stainless steel handles, slot pins, safety clips & pull rings
- 316 Stainless Steel – ASTM A666 316 stainless steel alloy, stainless handles, buna gaskets, 304 stainless pins, rings, clips
- 304 Stainless Steel – ASTM A666 304 stainless steel alloy, stainless handles, buna gaskets, 304 stainless pins, rings, clips
- 316 & 304 Stainless Steel comply with Mil-Spec A-A59326 for material and interchangeability

PSI Rating @ 70°F (+21°C)

Aluminum:

1 1/2 – 2	250 PSI
2 1/2 – 4	150 PSI
6	75 PSI

316/304 Stainless Steel:

1 1/2 – 2	250 PSI
3 – 4	150 PSI

Ductile Iron:

4	150 PSI
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Plated Steel:

1 – 2	250 PSI
2 1/2 – 4	150 PSI
6	75 PSI

Crimp Diameter Calculation

For use with ferrules and sleeves

Needed Measurements

- Hose ID
- Hose OD
- Fitting Shank OD
- Ferrule/Sleeve Wall Thickness
- Compression Percentage

Suggested Compression Percentages

- Industrial Rubber Hose - 22%
- Industrial PVC/Urethane Hose - 15%
- Layflat Hose - 11%

Crimp Diameter Formula

Crimp Diameter Formula = $\text{Hose OD} - \text{Hose ID} + \text{Shank OD} + (2 \times \text{Ferrule/Sleeve Wall thickness}) + ((- \text{Compression Percentage}) \times (\text{Hose OD} - \text{Hose ID}))/100$

Important Note:

Crimp diameter calculation instructions and compression percentages are only to be used as a guide. Hydrostatic pressure testing of all assemblies is highly recommended to assure maximum performance.