

ERITITE quick-release coupling



Description

The Eritite coupling is a simple and certain manner to two connect elements without torsion (two hoses, hose to machine, etc.). Slide the adaptor in the coupler without twisting the hose, lock the coupler handles and you have a leakproof connection in no time at all.

Material

Based on top quality raw materials Eritite couplings are supplied in the following materials:

- aluminium (ISO = AL Si 7 MG 0.6)
- bronze (or brass) (Cu Pb5 Sn 5Y20)
- stainless steel 316
- polypropylene (glass fibre reinforced)
- Handles, pin, ring and clip stainless steel
- With Buna N seal as standard that can be adapted depending on the media (neoprene, butyl, Viton, PTFE, EPDM, silicone).

Designs

Both coupler and adaptor available with:

- tailpiece with saw tooth profile or smooth with safety collar (EN 14420-2/ DIN 2817)
- female or male thread BSP to fit on valves, pumps, etc. Other screw threads such as NPT available on request
- socket or butt weld
- flange (DIN or ASA)
- double adaptors and couplers

Interchangeability

All Eritite couplings are interchangeable with other makes provided these are also in conformity with military specification Federal Mil A-A-5932 6A..

Pressure range

The table below mentions the working pressure at room temperature depending on diameter and material of the coupling.

Application

Because of the diversity of material types can be used for:

- hydrocarbons: bitumen, crude oil
- chemical products
- bulk material
- concrete
- coatings and paints
- polluted water, mud, etc.

Working Pressure

Diameter	STAINLESS STEEL 302	Bronze and aluminium
1/2" - 15	10 bar	10 bar
3/4" - 20	17 bar	17 bar
1" - 25	17 bar	17 bar
1 1/4" - 32	17 bar	17 bar
1 1/2" - 40	17 bar	17 bar
2" - 50	17 bar	17 bar
2 1/2" - 65	15 bar	10 bar
3" - 80	14 bar	9 bar
4" - 80	7 bar	7 bar
5" - 125	7 bar	5 bar
6" - 150	7 bar	5 bar