

# 40/AC SERIES

INTERCHANGE > Similar Couplings



Stucchi®



## TECHNICAL FEATURES AND OPTIONS

<b>Interchange</b> Similar Couplings	<b>Sealing description</b> Nitrile NBR	<b>Connection system</b> Screw
<b>Available sizes</b> From 1/4" to 1"	<b>Material</b> Carbon Steel /Cr3	<b>Available threads</b> BSP
<b>Operating pressure</b> Up to 350 bar	<b>Locking mechanism</b> Screw to connect	<b>Flow rate</b> Up to 100 L/Min
<b>Temperature (°C)</b> -25° / +80°	<b>Valving style</b> Poppet	<b>Connection under pressure</b> Connection: not allowed Disconnection: not allowed

## BENEFITS

- 40/AC series is a high pressure heavy duty screw together coupling
- Available in BSPP
- Zinc plated steel material
- Caps and plugs are also available
- Interchange to Faster VV
- Tooling maybe required for connection with pressure



## MAIN APPLICATIONS



Agriculture



Oil/Gas



Industry



High Pressure



Cooling



Refrigeration



Earth Moving



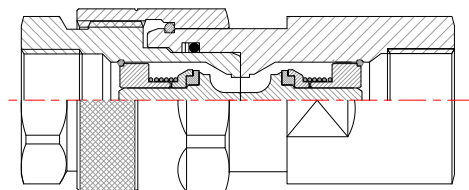
Vehicles



Hydraulic Equipment



Chemical & Food Industry



## PERFORMANCES

Size		Series/Size	Max. operating pressure Coupled	Burst pressure Coupled	Rated flow	ΔP at Rated Flow bar
Inch	mm (ISO)		bar	bar	l/min	bar
1/4	6,3	4006/AC	350	1500	4	1,50
3/8	10,0	4009/AC	300	1600	23	4,00
1/2	12,5	4013/AC	300	1600	45	6,00
3/4	19,0	4019/AC	250	1300	74	4,00
1	25,0	4025/AC	230	700	100	1,50

### Temperature range:

Standard seals in Nitrile NBR: from -25°C to + 80°C (from -13°F °F to +176°F).

## ! WARNING

A defect, a wrong choice or an improper use of products, can cause injury to persons, animals and objects.

Never connect or disconnect with dynamic pressure (e.g. pump on).

Do not couple-uncouple with flow in the circuit.

Do not couple-uncouple when the temperature inside of the circuit is higher than 80 °C (176 °F).

Do not use the coupling disconnected with high impulse pressure.

Connect under pressure products are suitable to be connected under residual (static) pressure.

Connection with residual pressure (pressure trapped in the circuit) allowed with other side coupling to drain.

Check the maximum allowable working pressure of the port in use.

Make sure that the medium used is compatible with seal and material as indicated for each series.

In case of doubt please contact Stucchi Technical Support.

The interchangeability is mentioned under the assumption that the manufacturer of the considered products has not changed any dimension.

**It is mandatory to carefully read and closely follow the instructions before selecting or using any Stucchi products.**

**Always refer to the version uploaded in the Instructions and warning section of [stucchigroup.com](http://stucchigroup.com) website for the latest release.**

**For specific, product-related, instructions, please contact Stucchi technical service.**