

# ACR Fitting Range Data Sheet



Copper end feed type fittings manufactured to:

ASME B16.22-2013-Wrought Copper and Copper Alloy Solder Joint pressure Fittings.

**Specific benefits include:**

All sealed in protective polythene bags and are product labelled. Fittings are supplied in reinforced cardboard boxes, labelled with product information and outline drawing of fitting. Each fitting is engraved with unique branding, space permitting



3 1/8 sample

## Fittings for Co<sub>2</sub>

Degreased copper fittings specifically for ACR and manufactured to ASME B16.22-2001 which can be used in assemblies subject to the Pressure Equipment Directive. The burst pressure of each fitting size at 55°C has been determined and a safety factor of at least 3 has been applied to establish a recommended maximum working pressure. All testing has been conducted in accordance with BS EN 378-2:2008 (+A1:2009).

**Maximum Working Pressures**



Size	Burst Pressure	up to 55°C	up to 100°C	up to 150°C
1/4 "	500 bar	150 bar	15 bar	131 bar
3/8 "	360 bar	120 bar	120 bar	105 bar
1/2 "	320 bar	100 bar	100 bar	87 bar
5/8 "	300 bar	100 bar	100 bar	87 bar
3/4 "	280 bar	90 bar	90 bar	79 bar
7/8 "	240 bar	80 bar	80 bar	70 bar
1 1/8 "	220 bar	75 bar	75 bar	66 bar
1 3/8 "	220 bar	65 bar	65 bar	57 bar
1 5/8 "	180 bar	55 bar	55 bar	48 bar
2 1/8 "	100 bar	33 bar	33 bar	29 bar
2 5/8 "	93 bar	31 bar	31 bar	27 bar
3 1/8 "	87 bar	29 bar	29 bar	25 bar
3 5/8 "	84 bar	28 bar	28 bar	24.5 bar
4 1/8 "	81 bar	27 bar	27 bar	23.5 bar