



# Burnett & Hillman Hydraulic Adaptors

## Conformity

All hydraulic fittings and adaptors are manufactured from steel:

- BSEN 10277: 3: 1999 230MO7Pb
- BSEN 10277: 3: 11SMnPb37 European Standard
- BSP Adaptor Dimensions compatible with ISO 8434-6/BS5200
- BSP Adaptors DIN Spec to DIN 3852 Form A:2002
- BSP Parallel Threads to BSENISO228-1:2003
- BSPT Threads to BSEN 10226-1:2004
- JIC and SAE Threads to B.S. 1580:2007
- METRIC Threads to B.S. 3643 Pt 2:2007
- NPTF Threads to ANSI B1 20.3:1991
- JIC Fittings to SAE J514 2004 or ISO 8434-2:2007
- Electro Plating to BSEN12329:2000 Fe/Zn8/CaT2

The buyer is responsible for ensuring that these adaptors suit the intended purpose. The manufacturer cannot be held accountable for any issues arising from incorrect, insufficient, or improper installation, such as wrong torque values, pressure requirements, mismatched threads, or dry and uncoiled threads.

## Reach Compliance

REACH and RoHS(2) Compliance Declaration

Burnett and Hillman are dedicated to supplying high-quality hydraulic adaptors that meet environmental regulations, including RoHS (Restriction of Hazardous Substances) Directive, E.U. Directive 2002/95EC, and REACH (Registration, Authorisation and Restriction of Chemicals), E.U. Regulation (E.C.) 1907/2006.

Unless otherwise agreed, all materials used for parts manufactured or supplied by Burnett and Hillman, comply with the relevant RoHS and REACH threshold limits.

## Pressure Ratings

The working Pressures listed should be used as a guide only, not as a 'standard' or 'specification'.

Adaptor pressure ratings apply to bore size only.

Nominal Bore Dia.		Design Working Pressure		Proof Pressure		Over Pressure	
mm	ins	bar	psi	bar	psi	bar	psi
5	1/8	350	5145	525	7718	1400	20580
6.3	1/4	450	6500	675	9750	1520	22000
10	3/8	380	5500	570	8250	1310	19000
12.5	1/2	310	4500	465	6750	1100	16000
14.25	9/16	289	4250	434	6375	964	14170
16	5/8	280	4000	420	6000	850	12350
19	3/4	240	3500	360	5250	750	11000
25	1	210	3000	315	4500	675	9750
31.5	1 1/4	170	2500	255	3750	530	7700
37.5	1 1/2	136	2000	204	3000	404	5940
50	2	136	2000	204	3000	404	5940
62.5	2 1/2	84	1240	126	1860	245	3596
75	3	76	1120	114	1680	216	3170

