Hydraulink®

MEDIUM PRESSURE HOSE

ACR

HIGH TEMP. OIL/AIR RETURN
BRAIDED WIRE REINFORCED HOSE - FABRIC COVER



- Due to manufacturing tolerances, the external dimension is an average.
- For -24 and 32 sizes please see alternative ACP series.
- Recommended for: Pressurised hot oil return lines and air compressor lines, power steering, tilt cab cylinders, engine and transmission coolant and filtration lines.
- Internal tube: CPE based.
- Reinforcement: One braid of high tensile steel wire.
- External cover: Oil resistant textile braid, impregnated with synthetic rubber. MSHA approved.
- Temperature range: -40°C to +150°C. Phosphate ester fluids: -40°C to +100°C.
- Air: -40°C to +121°C.
- Vacuum range: To 30In.Hg (760mm.Hg)
- Standards: Gates proprietary. Meets the requirements of SAE J1019 performance specifications for use in high temperature transmission oil systems and high temperature lubrication oil systems using petroleum based oils.
- Characteristics: Very good resistance to weathering and ozone. ACR hose is compatible with a variety of fluids such as hydraulic oil, phosphate esters.

Part Number	Internal Size	Internal DN	Internal Diameter - inches	External Diameter - mm	Working Pressure - psi	Working pressure - bar	Min burst pressure - psi	Min burst pressure - bar	Min bend radius - mm
4ACR1000	04	6	1/4	13.2	1000	70	4000	280	50
6ACR1000	06	10	3/8	17.0	1000	70	4000	280	65
8ACR1000	08	12	1/2	20.2	1000	70	4000	280	90
10ACR1000	10	16	5/8	24.0	1000	70	4000	280	100
12ACR1000	12	19	3/4	29.2	1000	70	4000	280	120
16ACR1000	16	25	1	33.0	1000	70	4000	280	150
20ACR1000	20	31	1.1/4	41.7	1000	70	4000	280	210
24ACR500	24	38	1.1/2	49.5	500	35	2000	140	380
32ACR500	32	51	2	63.0	500	35	2000	140	460
40ACR500	40	63	2.1/2	75.4	500	35	2000	140	560
48ACR500	48	76	3	88.9	500	35	2000	140	610

Please contact Hydraulink for further details and availability. Hydraulink reserve the right to change technical specifications without notice.