

300HITEMP Hose

Enhances performance with increased temperature range.



Customer Value Proposition:

Parker Hannifin introduces large bore, HITEMP hose for the Mining and Industrial marketplace. This hose is available in dash 24 and dash 32 sizes. It is suitable for high pressure and high temperature air applications. As well as, all standard type hydraulic applications involving petroleum base hydraulic fluids and lubricating oils.

The introduction of this product will increase large bore assembly longevity, therefore decreasing machine downtime.

Resulting in:

- Increased customer profitability.
- Increased customer productivity.



Product Features:

- Blue cover to identify suitability for high temperature service.
- Pinpricked cover for use on high pressure air applications.
- Assemblies manufactured with Parker 71 series, one piece fittings.

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Parker 300HITEMP Hose

Hydraulic

SAE 100R2AT /EN 853 Type 2SN

# Part Number	Hose I.D.		Hose O.D.		Working Pressure		Burst Pressure		Minimum Bend Radius		Weight kg/m	Fitting Series
	inch	mm	inch	mm	psi	MPa	psi	MPa	inch	mm		
300HITEMP-24PM	1 1/2	38.1	2	50.0	1300	9.0	5200	36	19.7	500	2.3	•
300HITEMP-32PM	2	50.8	2 1/2	64.0	1160	8.0	4640	32	24.8	630	2.9	•

NOTE: 300HITEMP hose must be crimped with 71 Series fittings ONLY.

Application:

Petroleum base hydraulic fluids, lubricating oils and air service.

Construction:

Inner Tube: Synthetic Rubber (Modified Nitrile).

Reinforcement: Two braids steel wire.

Outer Cover: Synthetic Rubber (Hypalon).

Outer cover is pinpricked for air service.

Temperature Range:

-40° C to + 135° C (Can be subjected to 150° C intermittently).

Crimping Instructions:

We recommend using UNIFLEX or equivalent adjustable crimper only to manufacture these assemblies.

Please note: ONLY use 71 Fitting Series couplings.

Insertion Depth:

300HITEMP-24PM : 2 5/16" inch / 59mm.

300HITEMP-32PM : 2 7/16" inch / 62mm.

Crimp Specifications:

300HITEMP-24PM : 2.197" / 2.217" (55.8mm / 56.3mm).

300HITEMP-32PM : 2.775" / 2.795" (70.5mm / 71.0mm).

