

Ultra High Pressure Tough Jacket™ Hose –

The new generation of extra abrasion resistant hose types



The new Ultra High Pressure Tough Jacket™ hose types are equipped with a robust, yet flexible, Polyurethane cover, that is even more abrasion resistant than the standard double outer cover hose types from Parker Polyflex.

This proprietary blend of Polyurethane provides up to 100 x more abrasion resistance than a standard Polyurethane cover.

For extra safety, Parker Polyflex combines this WJTA color coding compliant feature with Color Guard™. ColorGard™ features a second outer cover layer, that contrasts with the outer cover color. This acts as a visual indicator of hose abrasive wear.



Features:

- Extra abrasion resistant Polyurethane cover
- Featuring ColorGard™ technology, a second outer cover layer that contrasts with the outer cover color
- No extra PVC sheath needed,
 - compact O.D.
 - lighter weight assemblies (up to 16%)
- Compliant with WJTA color coding
- Standard fitting series can be used

Benefits:

- Long life time & reduced machine down time in critical applications and in harsh environments
- Visual inspection of wear possible, that acts as a warning indicator of hose abrasive wear
- Less weight and drag, making it easier for operators to maneuver the hose, less operator fatigue and therefore improved performance
- Standardized hose design for worldwide usage
- No additional fittings need to be purchased



ENGINEERING YOUR SUCCESS.

Ultra High Pressure Tough Jacket™ Hoses

APPLICATIONS & MARKETS::

- Waterjet cutting
- Ship/Industrial cleaning
- Surface preparation
- Hydrodemolition

CONSTRUCTION:

Core Tube: Polyoxymethylene; 2440N-08V30/12 has a Polyamide core tube
Reinforcement: Four, six or eight spiral layers of high tensile steel wire
Cover: ToughJacket™ Polyurethane

OPERATING PARAMETERS:

Temperature Range:
 -10°C to +70°C (+14°F to +158°F)

Hose design factors:

2.5/1	2.33/1	2.1/1
2740D-03V32/15 2740D-05V32/17 2748D-05V32/15 2440N-08V30/12	2840D-05V36/15	2840D-03V36/14 2849D-05V36/14

CERTIFICATIONS:

Compliant with DIN EN 1829-2:2012-02

Part Number #	Nominal I.D.			Maximum O.D.		Max. Working Pressure		Min. Bend Radius		Weight		Permanent Fitting Series
	DN	mm	inch	mm	inch	MPa	psi	mm	inch	kg/m	lbs/ft	
2440N-08V30/12	12	13	1/2	28.6	1.128	140.0	20,300	200	7.9	1.21	0.813	LX
2740D-03V32/15	5	4.8	3/16	17.3	0.681	280.0	40,600	200	7.87	0.58	0.390	2X
2740D-05V32/17	8	7.8	5/16	21.3	0.839	250.0	36,250	200	7.87	0.94	0.632	2X
2748D-05V32/15	8	7.8	5/16	21.3	0.839	280.0	40,600	230	9.06	0.94	0.632	2X
2840D-03V36/14	5	4.8	3/16	19.1	0.752	400.0	58,000	200	7.87	0.75	0.504	2X
2840D-05V36/15	8	7.8	5/16	23.6	0.929	300.0	43,500	250	9.84	1.22	0.820	2X
2849D-05V36/14	8	7.8	5/16	23.6	0.929	380.0	55,100	280	11.0	1.22	0.820	WX

