

Easyflex® Convoluted PTFE Hose

Fluid Transfer Systems

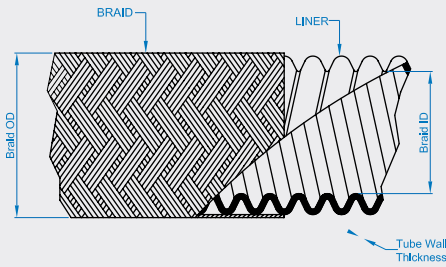


Product Description

Originally designed for easy assembly by re-sellers looking to extend their product portfolio. Easyflex® has a 'true' I/D and eliminates the need to de-convolute the hose when using standard hydraulic inserts. Used in applications where constant flexing, high temperatures or chemical resistance is paramount the Easyflex® hose offers a cost effective solution over the full life of the hose.

1794 – Helically convoluted tube wall, non-conductive virgin PTFE tubing, over braided with 300 series stainless steel wire.

809 – Helically convoluted tube wall, conductive lined, virgin PTFE tubing, over braided with 300 series stainless steel wire.



Properties

Application Used globally in low to medium pressure premium applications that require more flexibility or tighter bend radius whilst still requiring the high temperature and impeccable chemical resistance of the standard PTFE Hose

Design Helically convoluted PTFE tube with high tensile SS 304 braid

Inner layer Helically convoluted PTFE tube

Outer layer High tensile 304 maypole wound Stainless Steel braid

Temperature Min -60°C

Temperature Max +260°C

Material PTFE according to "ISO12086, Part1. PTFE-E.P.D.M 1.61.C.E.4_12"

1794 – Helically convoluted tube wall, over braided with 300 series stainless steel wire.

809 – Helically convoluted tube wall, conductive lined, virgin PTFE tubing, over braided with 300 series stainless steel wire.

Virgin Part Number	Conductive Part Number	Hose Size	Inside Diameter	Outside Diameter	Operating Pressure PSI	Burst Pressure PSI	Bend Radius (Inches)
1794-04	809-04	1/4	.25	.484	2,500	7,500	0.7
1794-06	809-06	3/8	.375	.600	2,000	6,000	0.8
1794-08	809-08	1/2	.500	.740	1,500	4,500	1
1794-10	809-10	5/8	.625	.870	1,200	3,600	2
1794-12	809-12	3/4	.750	.970	1,000	3,000	2.5
1794-16	809-16	1	1	1.29	670	2,000	3.5
1794-20	809-20	1-1/4	1.25	1.603	500	1,500	5
1794-24	809-24	1-1/2	1.5	1.90	440	1,300	6
1794-32	809-32	2	2	2.421	335	1,000	7.5



Need a new or replacement hose?
 McGill can help identify the right hose, fittings, and assembly for your application.
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