

# 2781 HI-IMPULSE® Double Wire Braid

Meets or exceeds:  
SAE 100R2A, EN 853 2ST, ISO 1436-1 Type 2ST



# Part Number	Hose I.D.		Hose O.D.		Maximum Operating Pressure		Burst Pressure		Minimum Bend Radius		Weight	
	mm	in	mm	in	bar	psi	bar	psi	mm	in	Kg/m	lbs/ft
2781-4	6,4	0.25	17,5	0.69	400,0 345,0	5800† 5000	1600,0 1380,0	23200† 20000	101,6	4.00	0,50	0.33
2781-6	9,7	0.38	21,3	0.84	345,0 280,0	5000† 4000	1380,0 1120,0	20000† 16000	127,0	5.00	0,67	0.45
2781-8	12,7	0.50	24,6	0.97	295,0 241,0	4300† 3500	1180,0 964,0	17200† 14000	177,8	7.00	0,83	0.56
2781-10	16,0	0.63	27,7	1.09	250,0 190,0	3650† 2750	1000,0 760,0	14600† 11000	203,2	8.00	0,97	0.62
2781-12	19,1	0.75	31,8	1.25	215,0 155,0	3100† 2250	860,0 620,0	12400† 9000	241,3	9.50	1,19	0.80
2781-16	25,4	1.00	39,6	1.56	175,0 138,0	2550† 2000	700,0 552,0	10200† 8000	304,8	12.00	1,58	1.06
2781-20	31,8	1.25	50,8	2.00	155,0 112,0	2250† 1625	620,0 448,0	9000† 6500	419,1	16.50	2,57	1.73
2781-24	38,1	1.50	57,2	2.25	125,0 86,0	1800† 1250	500,0 344,0	7200† 5000	508,0	20.00	3,05	2.05
2781-32	50,8	2.00	69,9	2.75	90,0 78,0	1300† 1125	360,0 312,0	5200† 4500	635,0	25.00	4,02	2.70

### Construction

Synthetic rubber tube, double wire braid reinforcement and DURA-TUFF synthetic rubber cover.

**Operating Temperature Range**  
-40°C to +100°C [-40°F to +212°F]

### Application

Hydraulic system service with petroleum and water-base fluids, for general industrial service. For more information on specific fluid applications and high temperature ratings, see pages 349-355.

### For Complete Agency Listings

See pages 346-348.

†Improved pressure performance when used with global fittings.

### Fitting Reference Page

<i>Crimp</i>	
Skive Nipple	66
Socket Data	64
<i>Reusable</i>	
Fitting	156
Socket Data	65

# GH781 MATCHMATE Global™ Double Wire Braid

Meets or exceeds:  
SAE 100R16 Type S, EN857 2SC, ISO 11237-1 Type 2SC



**Triple Crown Advantage**

- Pressure
- Temperature
- Abrasion Resistance

# Part Number	Hose I.D.		Hose O.D.		Maximum Operating Pressure		Burst Pressure		Minimum Bend Radius		Weight	
	mm	in	mm	in	bar	psi	bar	psi	mm	in	Kg/m	lbs/ft
GH781-4	6,4	0.25	13,5	0.53	448,0	6500	1792,0	26000	50,8	2.00	0,33	0.22
GH781-6	9,7	0.38	17,5	0.69	366,0	5300	1464,0	21200	63,5	2.50	0,43	0.29
GH781-8	12,7	0.50	20,6	0.81	310,0	4500	1240,0	18000	88,9	3.50	0,58	0.39
GH781-10	16,0	0.63	23,6	0.93	276,0	4000	1104,0	16000	101,6	4.00	0,65	0.44
GH781-12	19,1	0.75	27,9	1.10	241,0	3500	964,0	14000	120,7	4.75	0,79	0.53
GH781-16	25,4	1.00	36,1	1.42	207,0	3000	828,0	12000	152,4	6.00	1,07	0.72
GH781-20	31,8	1.25	41,9	1.65	172,0	2500	688,0	10000	209,6	8.25	1,62	1.09
GH781-24	38,1	1.50	51,6	2.03	138,0	2000	552,0	8000	254,0	10.00	2,08	1.40
GH781-32	50,8	2.00	64,3	2.53	110,0	1600	440,0	6400	317,5	12.50	2,83	1.90

### Construction

Synthetic rubber tube, double wire braid reinforcement and DURA-TUFF™ synthetic rubber cover. Meets or exceeds EN requirements at 1/2 SAE Bend Radius.

**Operating Temperature Range**  
-46°C to +127°C [-50°F to +260°F]

### Application

Hydraulic system service with petroleum and water-base fluids, for general industrial service. For more information on specific fluid applications and high temperature ratings, see pages 349-355.

### For Complete Agency Listings

See pages 346-348.

### Fitting Reference Page

<i>Crimp</i>	
TTC	66
Skive Nipple *	66
Socket Data	64

\*-04 thru -20 only

SPECIALTY & TRUCK HOSE  
 LOW & MEDIUM PRESSURE HOSE  
 HIGH PRESSURE HOSE  
 HOSE FITTINGS  
 ADAPTERS & TUBE FITTINGS  
 ACCESSORIES & ASSEMBLY INSTRUCTIONS  
 HOSE ASSEMBLY EQUIPMENT  
 APPENDICES