



EN 45545-2 FIRE SAFE RAIL HOSE

MED2-HT MEDIUM PRESSURE HOSE

TECHNICAL DATA SHEET



RECOMMENDED FOR

For both external (R23) and internal (R22) use. High-temperature, high pressure hydraulic applications such as engine compartments. HL1-HL2 (R23 external use). HL1 (R22 internal use)

TUBE

CPE (Chlorinated polyethylene) based.

REINFORCEMENT

Two braids of high tensile steel wire.

COVER

CSM (Chlorosulfinated polyethylene) based. Blue. MSHA approved.

TEMPERATURE RANGE

-40°C to +150°C. For water emulsions, etc. see Temperature Limits Table.

STANDARDS

Exceeds ISO 1436 2SN R2ATS. EN 853 2SN. SAE 100R2AT. EN45545-2:2013+A1:2015 R23 HL2 BS6853:1999 Amd1 Categories II & Ib GM/RT2130. HL1-HL2 (R23 external use). HL1 (R22 internal use).

COUPLINGS

Superior flex impulse performance: tested to 600,000 impulse cycles.

CHARACTERISTICS/BENEFITS

-4 to -20: MegaCrimp®; -24 to -32: GlobalSpiral Plus.

MED2-HT hose is compatible with biodegradable hydraulic fluids like synthetic esters, polyglycols and vegetable oils as well as petroleum-based fluids.

SPECIFICATION TABLE

-size	DN	"	"	mm	PSI	MPa	PSI	MPa	mm	kg/100m	REF.
-4	6	1/4	0.59	14.9	6000	42.0	24000	168.0	100	42	04MED2-HT
-6	10	3/8	0.74	18.8	5000	35.0	20000	132.0	130	54	06MED2-HT
-8	12	1/2	0.86	21.8	4250	29.0	17000	116.0	180	65	08MED2-HT
-10	16	5/8	0.99	25.1	3625	25.0	14500	100.0	200	77	10MED2-HT
-12	19	3/4	1.15	29.1	3100	21.5	12400	86.0	240	94	12MED2-HT
-16	20	1	1.48	37.6	2500	17.5	10000	70.0	300	141	16MED2-HT
-20	31	1 1/4	1.86	47.2	2250	15.5	9000	62.0	420	212	20MED2-HT
-24	38	1 1/2	2.15	54.6	1800	12.4	6000	42.0	500	209	24MED2-HT
-32	51	2	2.65	67.3	1500	10.3	5200	35.9	630	293	30MED2-HT