TRANSFER OIL
Pure Fluid Attitude

048 - VHP AGGRESSIVE CHEMICALS

Thermoplastic conductive hose for very high pressure aggressive chemicals applications up to 700 bar (10000 psi)



FEATURES

Inner Tube

Polyamide PA12

Reinforcement

One or two braids of aramid fiber plus one braid of steel wire

Cover

Polyurethane up to 1/2" | DN12, Special Polyester for 5/8" | DN16 and upwards - black - non pinpricked - laser branding

Applications

Very high pressure aggressive chemicals systems requiring very high mechanical strength of hose and/or electrical conductivity - Applications requiring high chemical resistance to solvents and aggressive fluids such as two parts polyurethane injection foams

Features

Polyamide type 12 tube construction - Combined reinforcement for high pressure requirements and increased mechanical properties increasing lifetime of the hose under very harsh working conditions - Black Cover -Conductive

Description

High pressure hose with black cover - Due to particularly low humidity absorption of the tube this hose is particularly indicated for two parts PU foams injection systems (isocyanate and polyols) and very aggressive chemicals applications with increased resistance to abrasion mechanical strength and providing electrical conductivity - Check compatibility list for overview of resistance to chemical substances and gases.

Temperature Range

-40 °C to +100 °C (-40 °F to +212 °F):limited to +70 °C (+158 °F) for air and water based fluids

Standard Branding

TRANSFER OIL - TO INDUSTRIAL - Part No - VHP AGGRESSIVE CHEMICALS - Inch Size - DN Size - WP bar / psi - MADE IN ITALY - www.transferoil.com - QQ/YY - Batch No

Part no.	DN	Inches	Dash	ID (mm)	OD (mm)	WP (bar)	BP (bar)	ID (inch)	OD (inch)	WP (psi)	BP (psi)	SF	BR (mm)	BR (inch)	Weight (gr/m)	Weight (lb/ft)	Ferrule standard	Ferrule A316L
0482	DN6	1/4	-4	6.6	12.8	700	2800	0.260	0.504	10000	40000	4:1	35	1.38	177	0.119	SAF121	SAF821
0483	DN8	5/16	-5	8.1	16.4	700	2800	0.319	0.646	10000	40000	4:1	60	2.36	278	0.187	SAF131	SAF831
0484	DN10	3/8	-6	9.8	18.9	700	2800	0.386	0.744	10000	40000	4:1	90	3.54	322	0.216	SAF141	SAF841
0485	DN12	1/2	-8	13.0	23.2	590	2360	0.512	0.913	8500	34000	4:1	100	3.94	566	0.380	SAF151	SAF851
0486	DN16	5/8	-10	16.3	26.6	500	2000	0.642	1.047	7200	28800	4:1	160	6.30	574	0.386	SAF161	SAF861
0487	DN20	3/4	-12	19.5	30.5	450	1800	0.768	1.201	6500	26000	4:1	180	7.09	654	0.439	SAF171	SAF871
0488	DN25	1	-16	25.8	38.2	310	1240	1.016	1.504	4500	18000	4:1	250	9.84	897	0.603	SAF181	SAF881

AVAILABLE INSERTS

Part	Dash	Inch	DN	F-BSPP	F-DKOL	F-DKOS	F-JIC	F-MET	F-NPSM	F-NPT	F-ORFS	F-TYPE	M-BSPP	M-BSPT	M-CEL	M-CES	M-MET	M-NPT
0482	-4	1/4	DN6	SOA	SOF	SOM	SOH	SOV	SOP	SOC		SOQ	SOB	SOO	SOI	SOL	SOK	SOD
0483	-5	5/16	DN8	SOA		SOM							SOB		SOI	SOL	SOK	SOD
0484	-6	3/8	DN10	SOA	SOF	SOM	SOH						SOB		SOI	SOL		SOD
0485	-8	1/2	DN12	SOA	SOF	SOM	SOH						SOB		SOI	SOL		SOD
0486	-10	5/8	DN16	SOA	SOF	SOM							SOB			SOL		
0487	-12	3/4	DN20	SOA	SOF	SOM	SOH				SOS		SOB		SOI	SOL		SOD
0488	-16	1	DN25	SOA	SOF	SOM	SOH				SOS		SOB		SOI	SOL		SOD

Dimensions and values shown may be changed without prior notice to improve product performances and reliability.
Transfer Oil S.p.A. assumes no liability on mistakes nor errors appearing in this spec sheet.
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